

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050824\
 Data File : VD078885.D
 Acq On : 08 May 2024 12:50
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 04:41:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 19:40:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	126652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	198369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60148	42.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.580%
35) Dibromofluoromethane	7.805	113	70671	48.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.269	98	266434	47.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.569	95	76514	47.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	58893	41.135	ug/l	99
3) Chloromethane	2.152	50	89808	42.206	ug/l	98
4) Vinyl Chloride	2.287	62	138816	44.940	ug/l	96
5) Bromomethane	2.693	94	122086	39.610	ug/l	99
6) Chloroethane	2.840	64	114817	45.122	ug/l	98
7) Trichlorofluoromethane	3.175	101	135637	53.955	ug/l	100
8) Diethyl Ether	3.593	74	37401	54.563	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.964	101	71099	47.075	ug/l	98
10) Methyl Iodide	4.164	142	76454	42.699	ug/l	98
11) Tert butyl alcohol	5.058	59	14378	223.282	ug/l #	87
12) 1,1-Dichloroethene	3.940	96	65984	44.063	ug/l	89
13) Acrolein	3.799	56	16323	131.245	ug/l	92
14) Allyl chloride	4.558	41	63844	42.472	ug/l	98
15) Acrylonitrile	5.258	53	62567	229.298	ug/l	98
16) Acetone	4.022	43	53682	256.077	ug/l	95
17) Carbon Disulfide	4.269	76	206926	41.786	ug/l	98
18) Methyl Acetate	4.558	43	21830	42.007	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	138579	48.898	ug/l	91
20) Methylene Chloride	4.805	84	80693	44.730	ug/l	99
21) trans-1,2-Dichloroethene	5.311	96	75284	44.834	ug/l	95
22) Diisopropyl ether	6.211	45	159185	47.891	ug/l	97
23) Vinyl Acetate	6.152	43	488088	243.568	ug/l	96
24) 1,1-Dichloroethane	6.111	63	117115	43.764	ug/l	97
25) 2-Butanone	7.087	43	71225	242.269	ug/l	99
26) 2,2-Dichloropropane	7.075	77	102442	45.368	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	88614	46.202	ug/l	97
28) Bromochloromethane	7.422	49	44879	44.575	ug/l	91
29) Tetrahydrofuran	7.446	42	41905	243.596	ug/l	92
30) Chloroform	7.593	83	134396	45.005	ug/l	95
31) Cyclohexane	7.875	56	90640	43.429	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	119332	47.379	ug/l	98
36) 1,1-Dichloropropene	8.010	75	94463	50.423	ug/l	98
37) Ethyl Acetate	7.169	43	32880	53.062	ug/l	98
38) Carbon Tetrachloride	7.987	117	109354	50.709	ug/l	93
39) Methylcyclohexane	9.275	83	118824	51.475	ug/l	96
40) Benzene	8.252	78	299598	48.833	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	17001	55.560	ug/l	93
42) 1,2-Dichloroethane	8.328	62	71201	49.158	ug/l	100
43) Isopropyl Acetate	8.357	43	57959	51.136	ug/l #	85
44) Trichloroethene	9.028	130	76831	49.715	ug/l	94
45) 1,2-Dichloropropane	9.304	63	66540	49.455	ug/l	95
46) Dibromomethane	9.393	93	43886	51.234	ug/l	94
47) Bromodichloromethane	9.587	83	103899	48.985	ug/l	93
48) Methyl methacrylate	9.375	41	26437	49.762	ug/l	94
49) 1,4-Dioxane	9.381	88	8591	1099.046	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	162354	267.491	ug/l	98
52) Toluene	10.334	92	195556	50.746	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	89758	50.469	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	104969	48.867	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	58360	52.527	ug/l #	92
56) Ethyl methacrylate	10.599	69	61763	54.103	ug/l	98
57) 1,3-Dichloropropane	10.875	76	89285	50.818	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	117140	234.995	ug/l	99
59) 2-Hexanone	10.922	43	119464	277.982	ug/l	97
60) Dibromochloromethane	11.075	129	77318	51.344	ug/l	99
61) 1,2-Dibromoethane	11.175	107	52672	51.119	ug/l	100
64) Tetrachloroethene	10.810	164	68126	52.523	ug/l	93
65) Chlorobenzene	11.604	112	219935	50.395	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	78451	51.405	ug/l	99
67) Ethyl Benzene	11.681	91	366455	51.335	ug/l	96
68) m/p-Xylenes	11.793	106	305917	105.841	ug/l	96
69) o-Xylene	12.122	106	138335	52.351	ug/l	100
70) Styrene	12.134	104	251719	54.176	ug/l	98
71) Bromoform	12.298	173	43832	53.046	ug/l #	95
73) Isopropylbenzene	12.422	105	353185	50.502	ug/l	99
74) N-amyl acetate	12.234	43	59417	51.076	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	62489	47.690	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	76370	88.479	ug/l #	100
77) Bromobenzene	12.698	156	87482	48.688	ug/l	97
78) n-propylbenzene	12.763	91	431861	50.955	ug/l	98
79) 2-Chlorotoluene	12.845	91	229350	48.483	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	301713	51.954	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	21528	48.732	ug/l	98
82) 4-Chlorotoluene	12.945	91	247331	49.028	ug/l	98
83) tert-Butylbenzene	13.169	119	264254	52.865	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	308104	51.832	ug/l	96
85) sec-Butylbenzene	13.345	105	398935	52.556	ug/l	100
86) p-Isopropyltoluene	13.463	119	349501	53.130	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	190903	50.733	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	183432	49.245	ug/l	99
89) n-Butylbenzene	13.787	91	312043	53.209	ug/l	99
90) Hexachloroethane	14.051	117	69232	49.193	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	162361	50.416	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7920	44.397	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	96923	54.176	ug/l	95
94) Hexachlorobutadiene	15.204	225	51975	56.710	ug/l	97
95) Naphthalene	15.334	128	173598	53.859	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	85676	54.056	ug/l	97

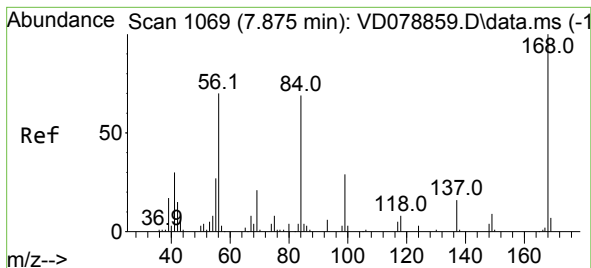
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Quant Title : SW846 8260
QLast Update : Wed May 08 19:40:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

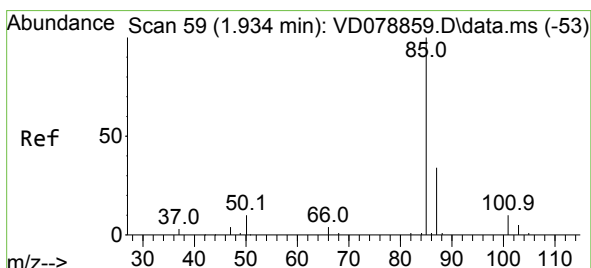
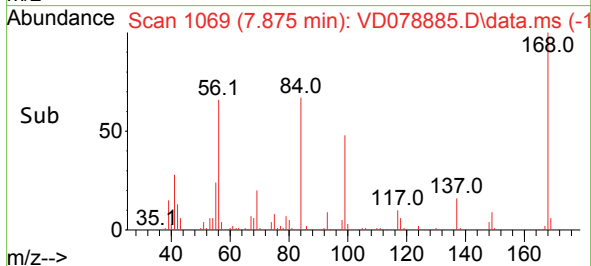
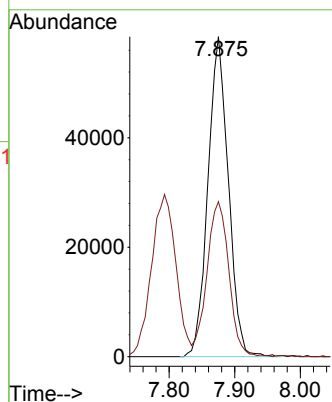
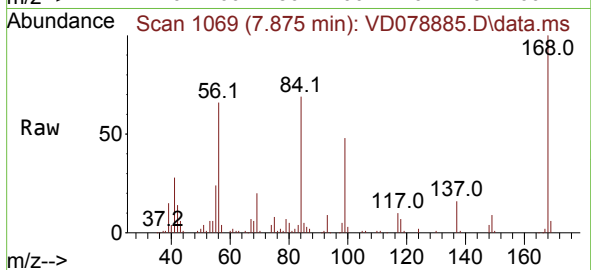
ClientSampleId :

Tgt Ion:168 Resp: 126652

Ion Ratio Lower Upper

168 100

99 48.1 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 41.135 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078885.D

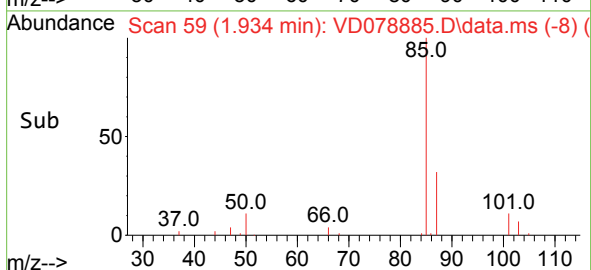
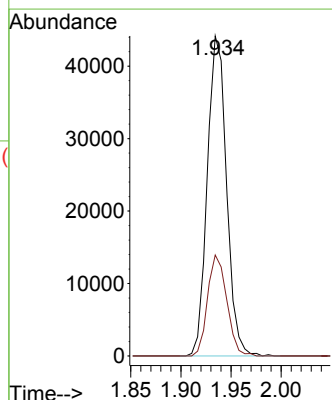
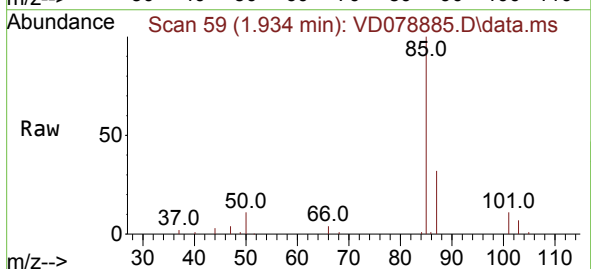
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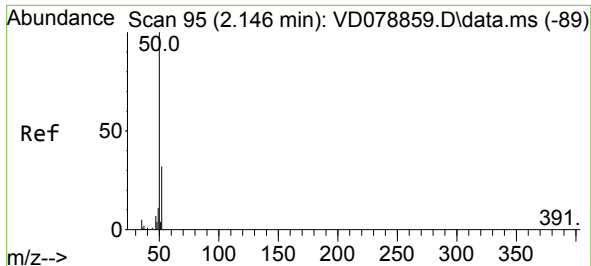
Tgt Ion: 85 Resp: 58893

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.5

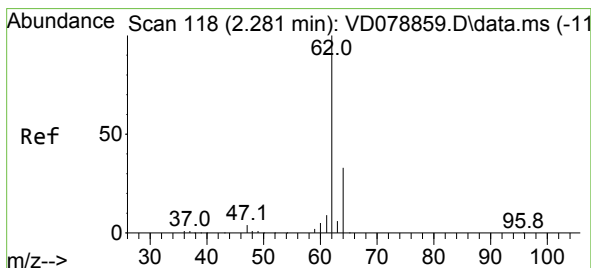
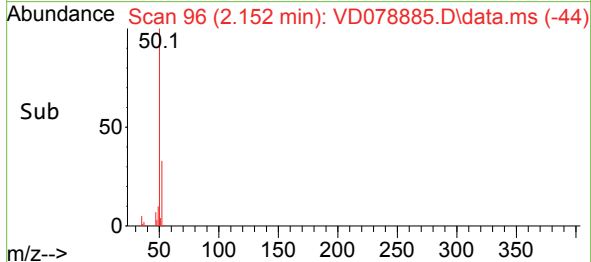
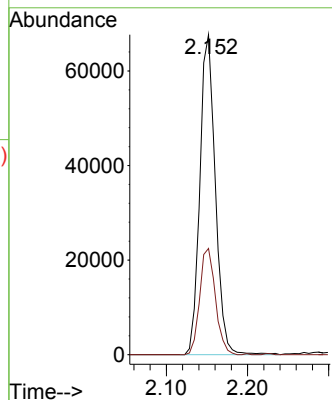
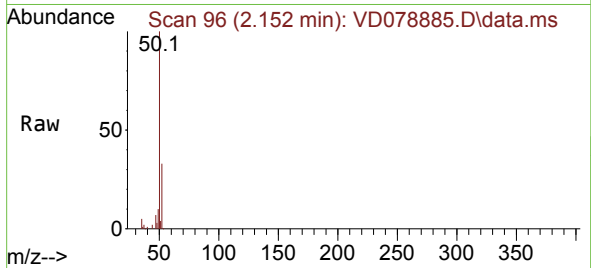




#3
Chloromethane
Concen: 42.206 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

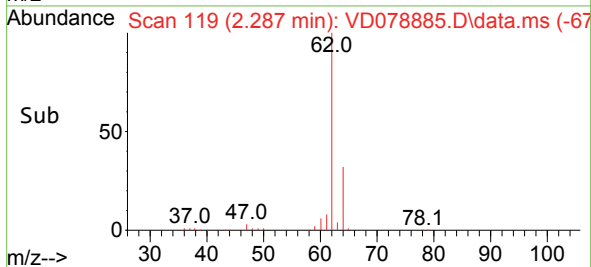
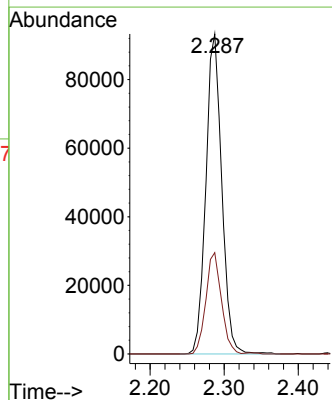
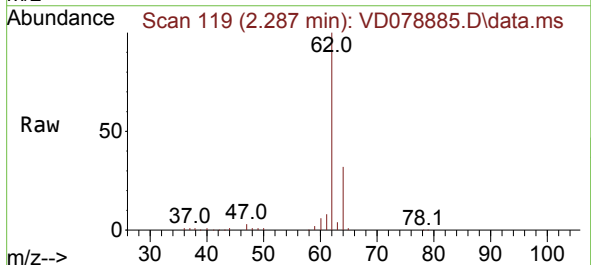
Instrument :
MSVOA_D
ClientSampleId :

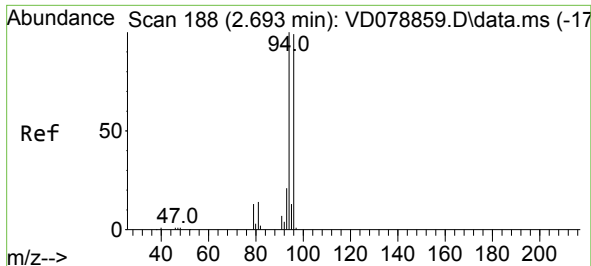
Tgt Ion: 50 Resp: 89808
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4



#4
Vinyl Chloride
Concen: 44.940 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 62 Resp: 138816
Ion Ratio Lower Upper
62 100
64 31.6 23.7 35.5

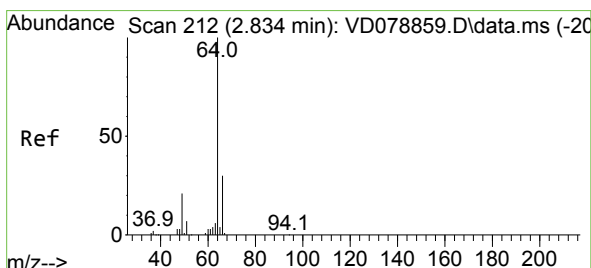
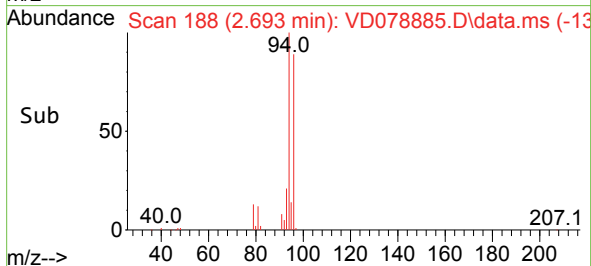
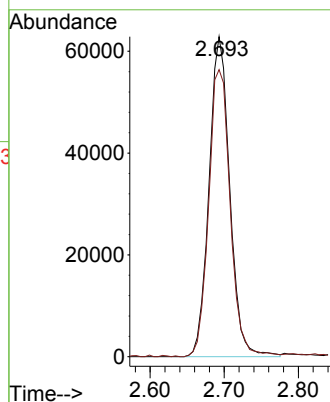
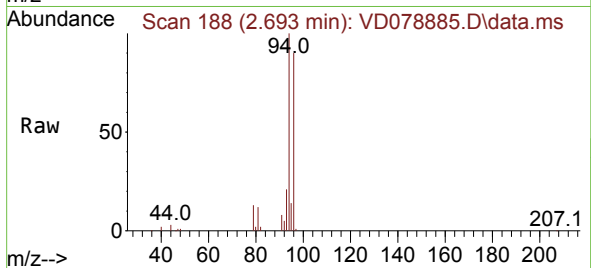




#5
Bromomethane
Concen: 39.610 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

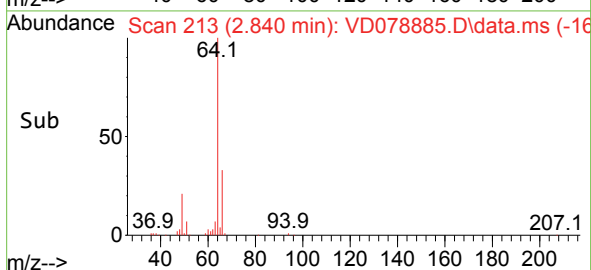
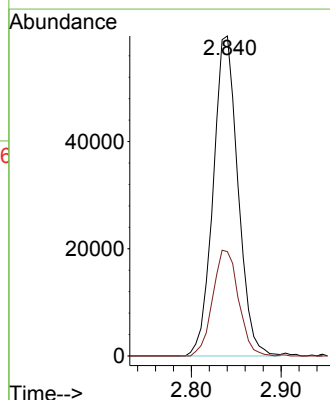
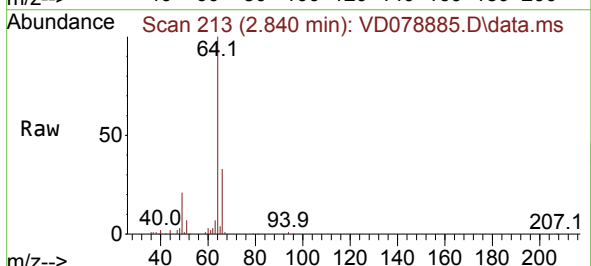
Instrument :
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ClientSampleId :

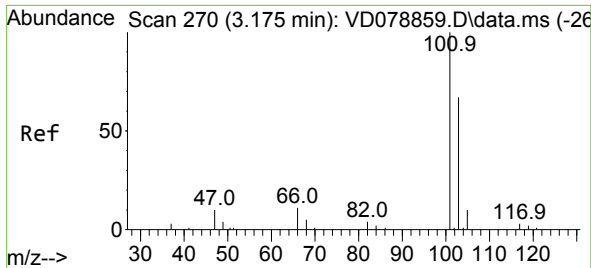
Tgt Ion: 94 Resp: 122086
Ion Ratio Lower Upper
94 100
96 93.3 73.5 110.3



#6
Chloroethane
Concen: 45.122 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 64 Resp: 114817
Ion Ratio Lower Upper
64 100
66 32.6 26.8 40.2

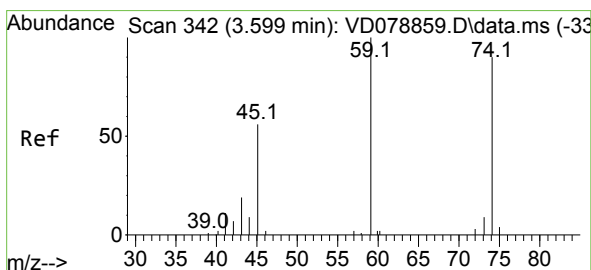
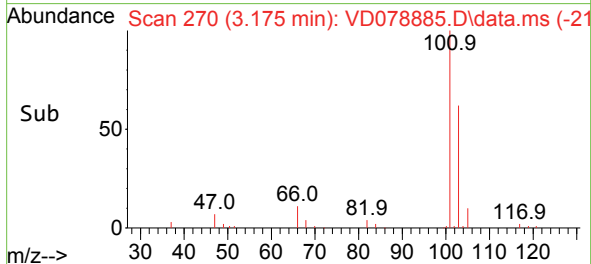
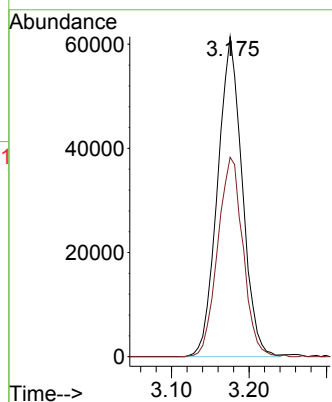
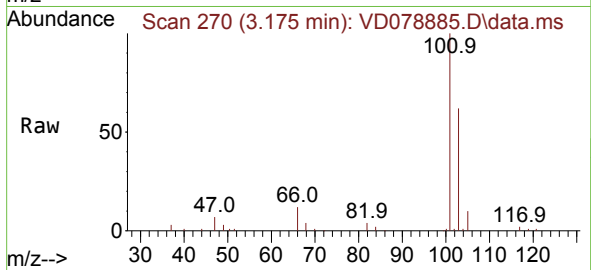




#7
Trichlorofluoromethane
Concen: 53.955 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

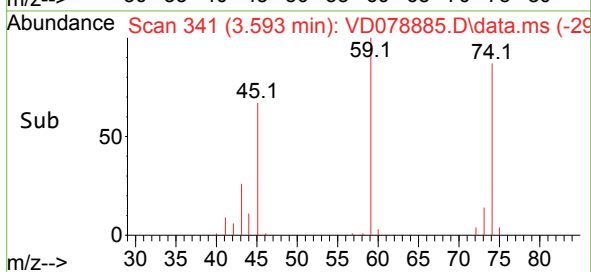
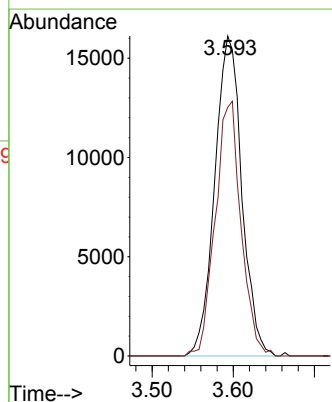
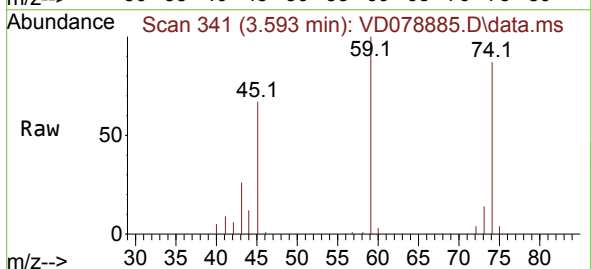
Instrument :
MSVOA_D
ClientSampleId :

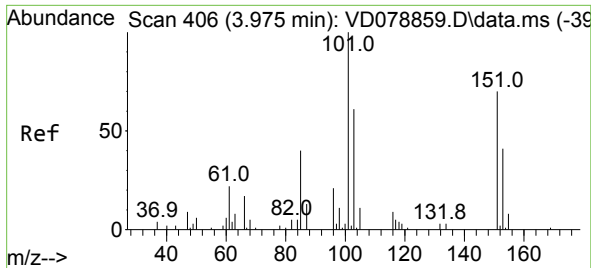
Tgt Ion:101 Resp: 135637
Ion Ratio Lower Upper
101 100
103 62.3 49.7 74.5



#8
Diethyl Ether
Concen: 54.563 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 74 Resp: 37401
Ion Ratio Lower Upper
74 100
45 75.8 42.4 127.3

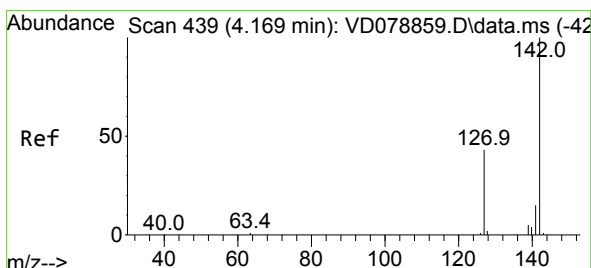
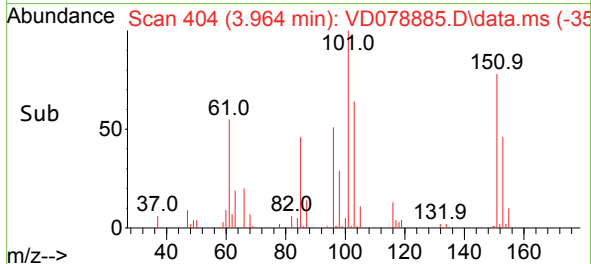
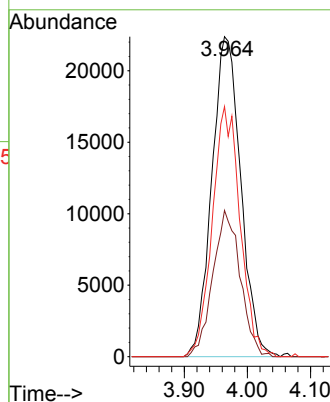
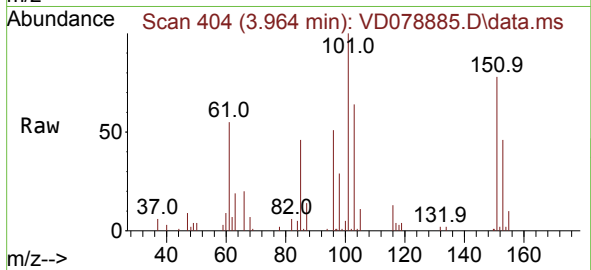




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.075 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078885.D
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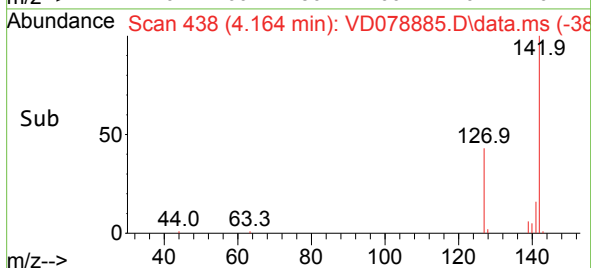
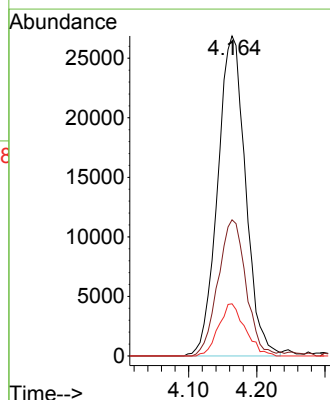
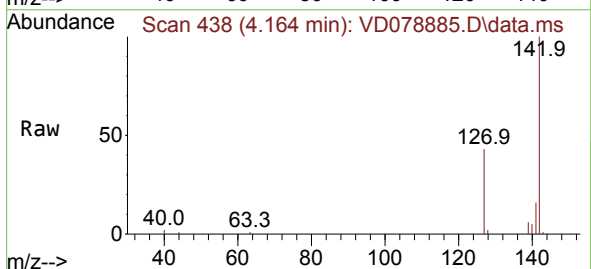
Instrument :
MSVOA_D
ClientSampleId :

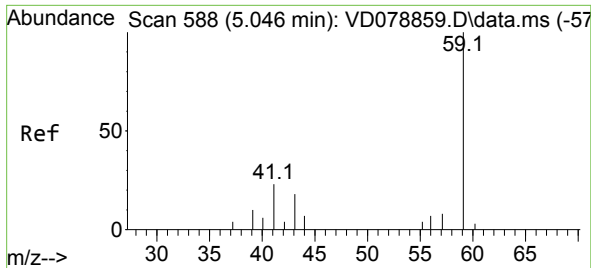
Tgt Ion:101 Resp: 71099
Ion Ratio Lower Upper
101 100
85 43.4 35.8 53.6
151 75.3 59.4 89.2



#10
Methyl Iodide
Concen: 42.699 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion:142 Resp: 76454
Ion Ratio Lower Upper
142 100
127 42.7 33.5 50.3
141 15.6 11.7 17.5

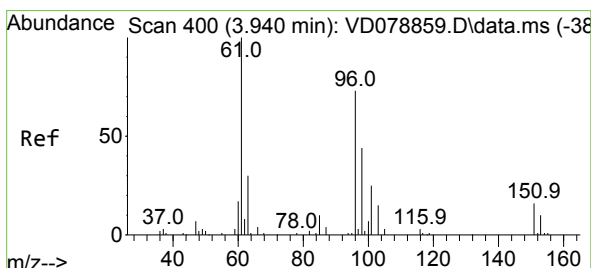
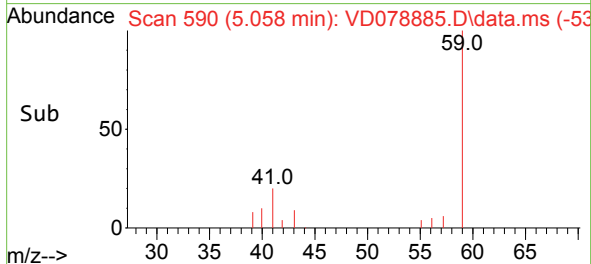
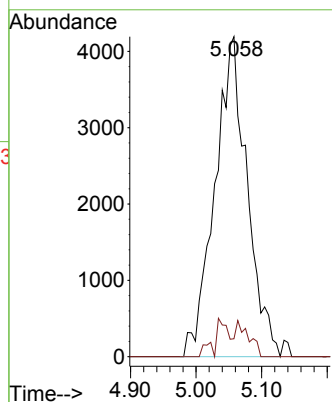
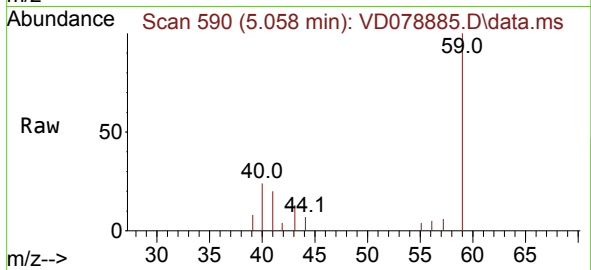




#11
Tert butyl alcohol
Concen: 223.282 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

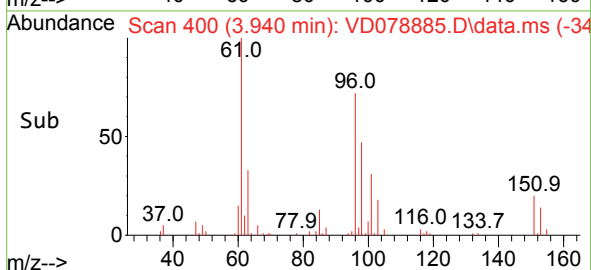
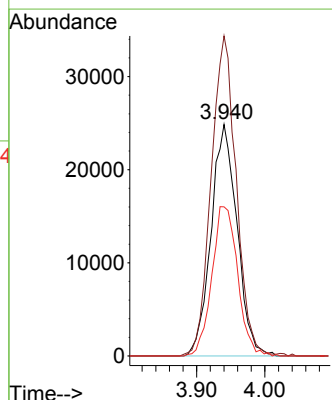
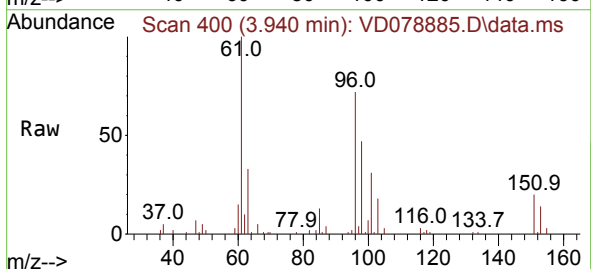
Instrument :
MSVOA_D
ClientSampleId :

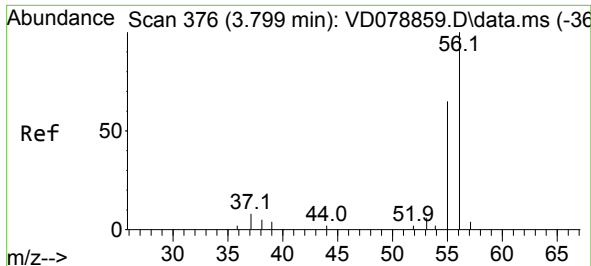
Tgt Ion: 59 Resp: 14378
Ion Ratio Lower Upper
59 100
57 4.4 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 44.063 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 96 Resp: 65984
Ion Ratio Lower Upper
96 100
61 138.2 101.4 152.0
98 64.4 43.4 65.0





#13

Acrolein

Concen: 131.245 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

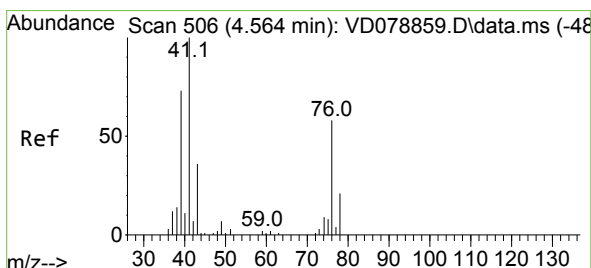
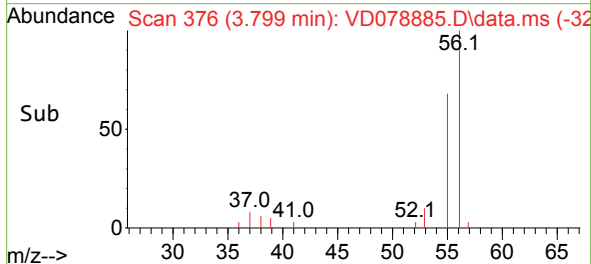
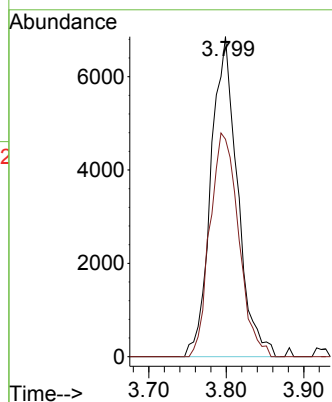
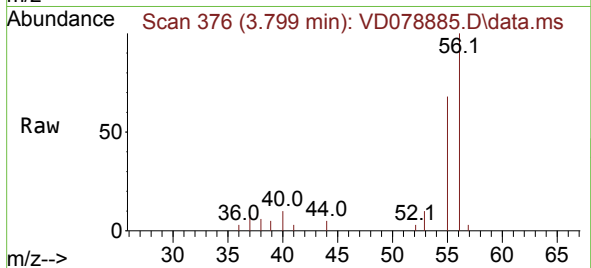
ClientSampleId :

Tgt Ion: 56 Resp: 16323

Ion Ratio Lower Upper

56 100

55 75.4 54.9 82.3



#14

Allyl chloride

Concen: 42.472 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

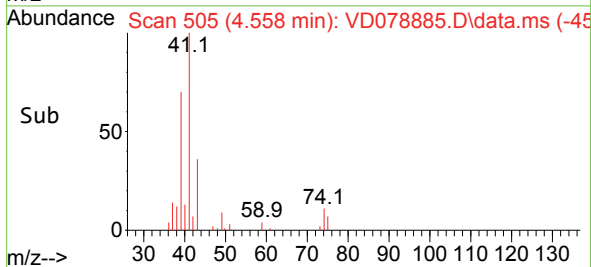
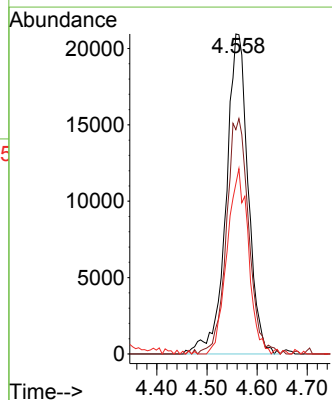
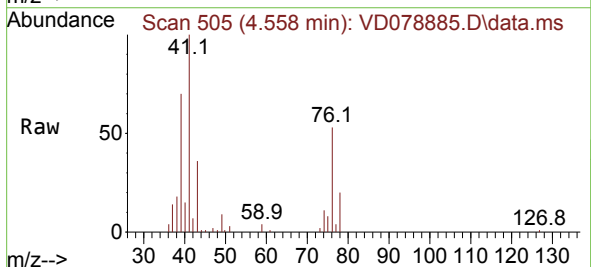
Tgt Ion: 41 Resp: 63844

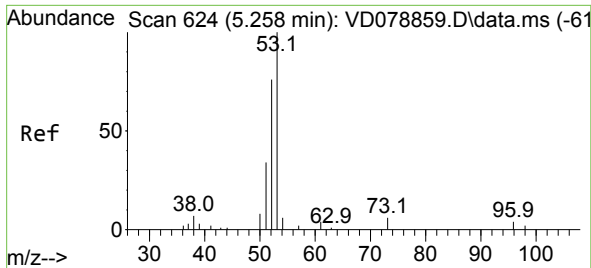
Ion Ratio Lower Upper

41 100

39 74.6 57.8 86.6

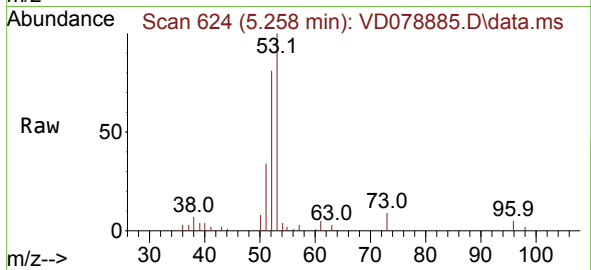
76 56.1 44.8 67.2



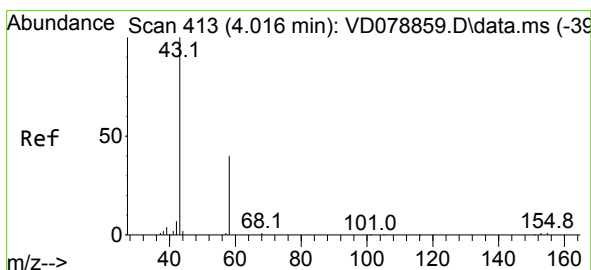
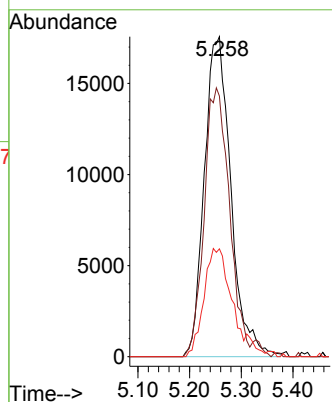


#15
Acrylonitrile
Concen: 229.298 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Instrument :
MSVOA_D
ClientSampleId :

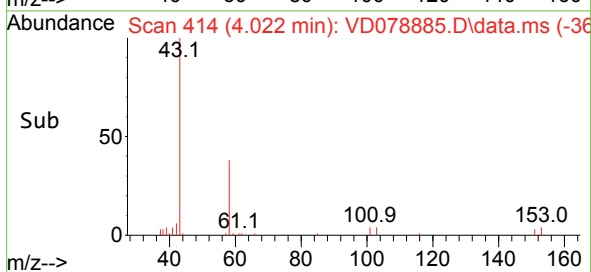
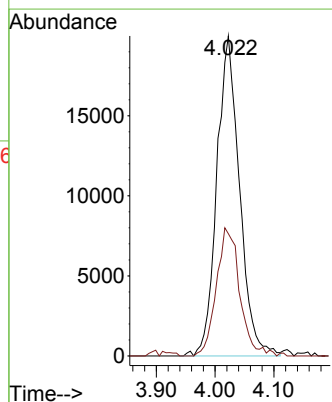
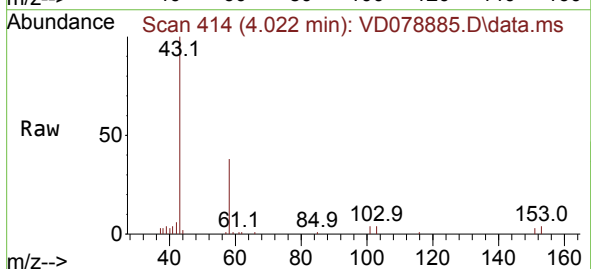


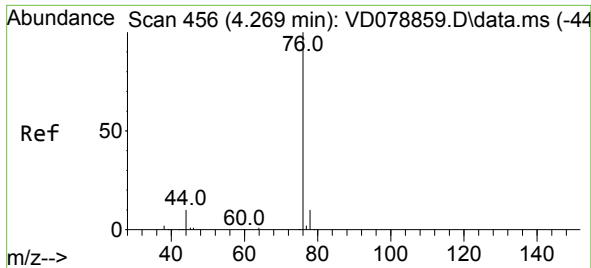
Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.9	61.9	92.9
51	36.3	29.0	43.4



#16
Acetone
Concen: 256.077 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.2	28.2	42.4

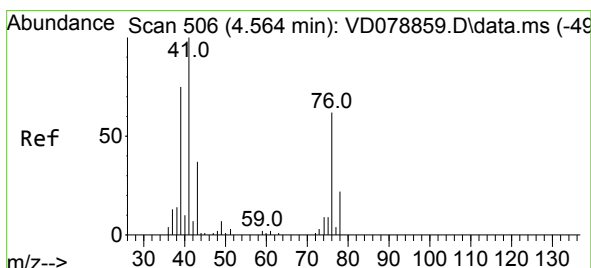
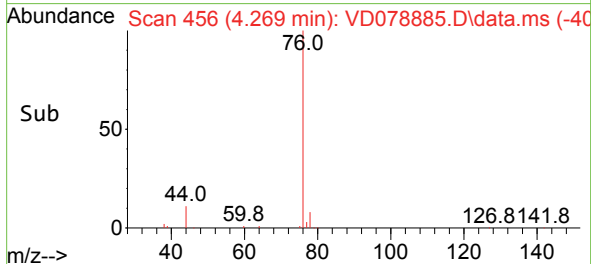
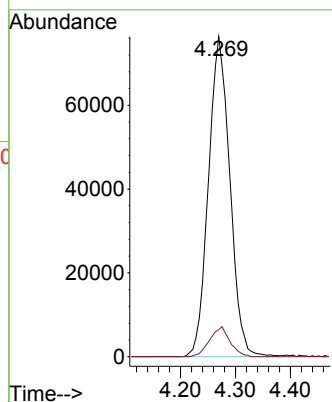
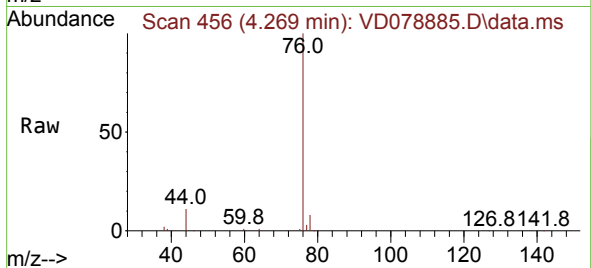




#17
Carbon Disulfide
Concen: 41.786 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

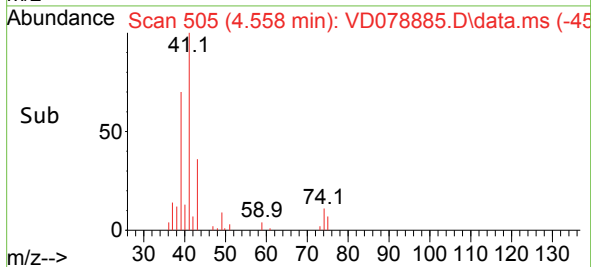
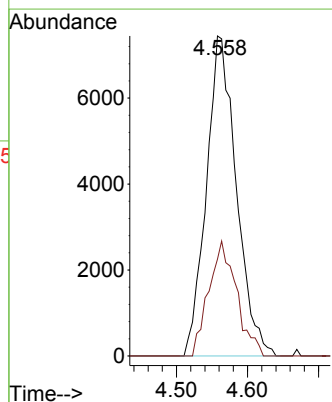
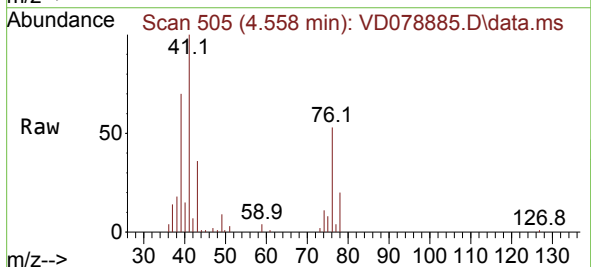
Instrument :
MSVOA_D
ClientSampleId :

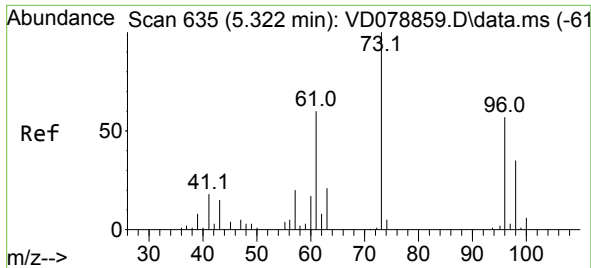
Tgt Ion: 76 Resp: 206926
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 42.007 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 43 Resp: 21830
Ion Ratio Lower Upper
43 100
74 33.3 25.3 37.9

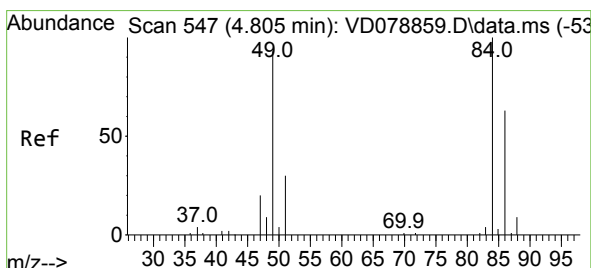
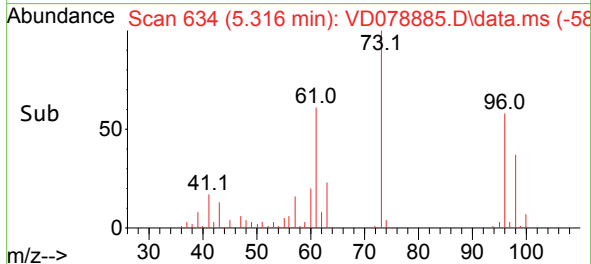
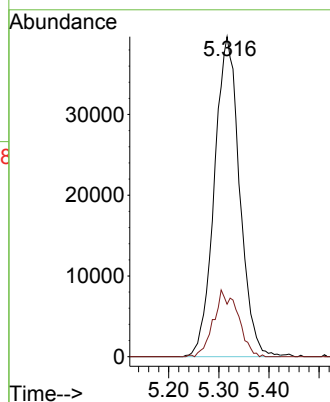
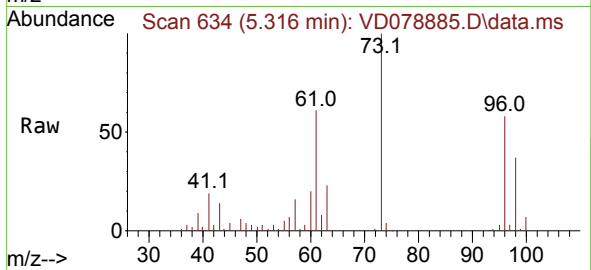




#19
Methyl tert-butyl Ether
Concen: 48.898 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

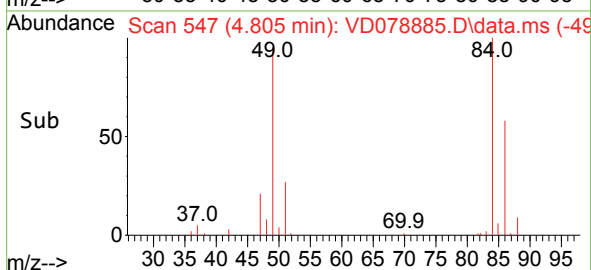
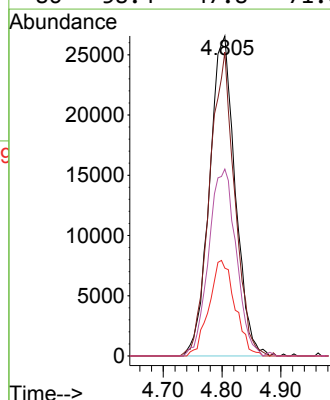
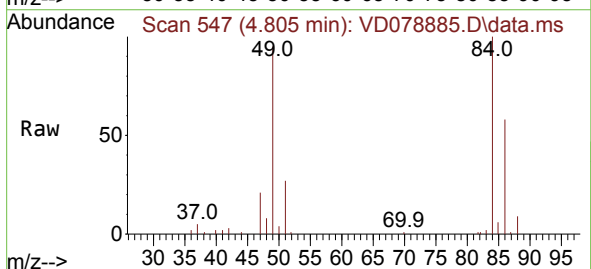
Instrument :
MSVOA_D
ClientSampleId :

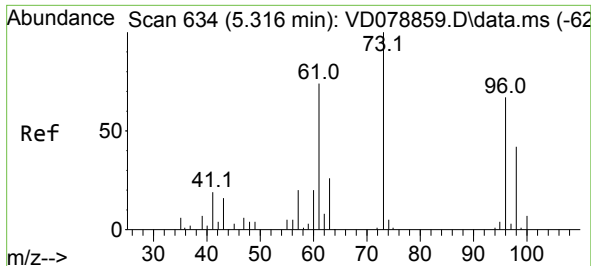
Tgt Ion: 73 Resp: 138579
Ion Ratio Lower Upper
73 100
57 16.4 16.4 24.6



#20
Methylene Chloride
Concen: 44.730 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

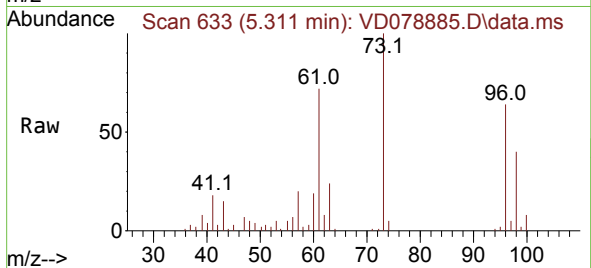
Tgt Ion: 84 Resp: 80693
Ion Ratio Lower Upper
84 100
49 94.9 75.6 113.4
51 27.5 23.4 35.0
86 58.4 47.8 71.6



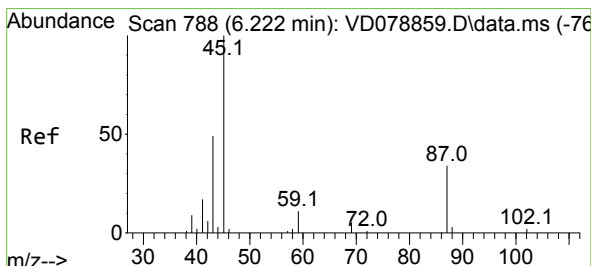
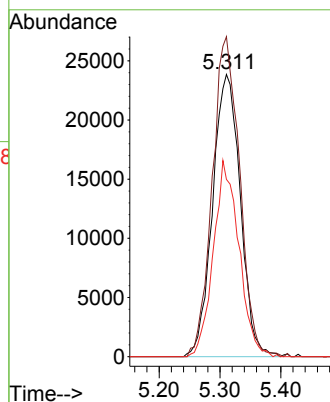
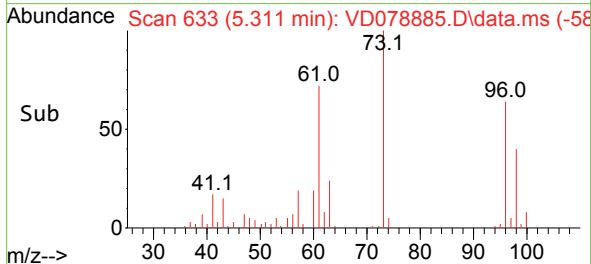


#21
trans-1,2-Dichloroethene
Concen: 44.834 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Instrument :
MSVOA_D
ClientSampleId :

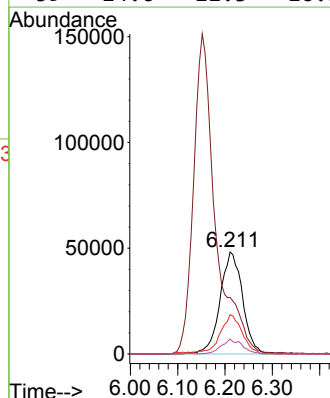
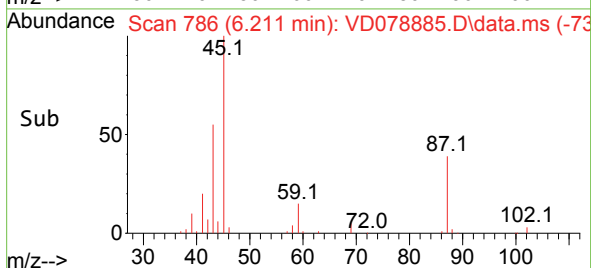
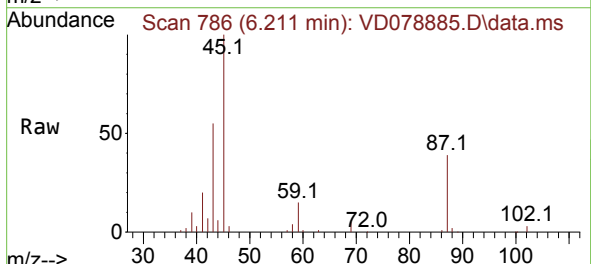


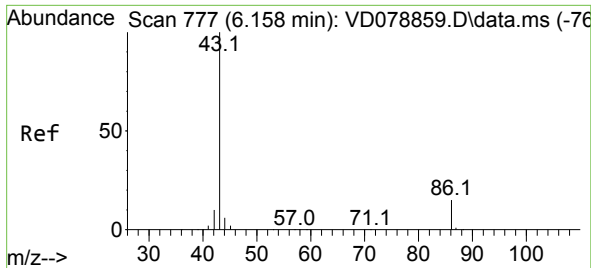
Tgt Ion: 96 Resp: 75284
Ion Ratio Lower Upper
96 100
61 113.3 96.1 144.1
98 62.8 48.9 73.3



#22
Diisopropyl ether
Concen: 47.891 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.012 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 45 Resp: 159185
Ion Ratio Lower Upper
45 100
43 53.8 44.3 66.5
87 38.5 28.3 42.5
59 14.6 11.3 16.9

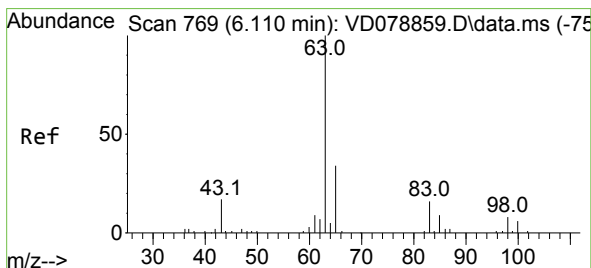
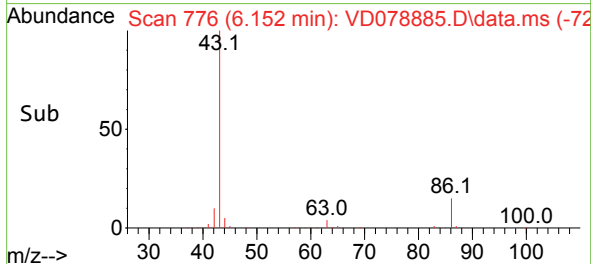
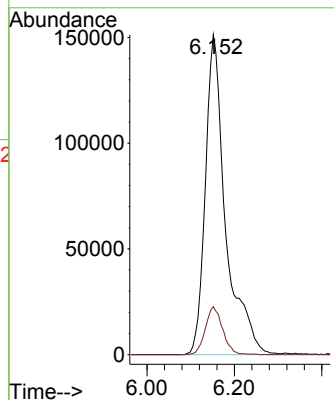
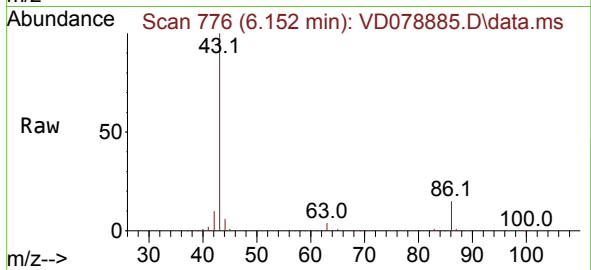




#23
 Vinyl Acetate
 Concen: 243.568 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD078885.D
 Acq: 08 May 2024 12:50

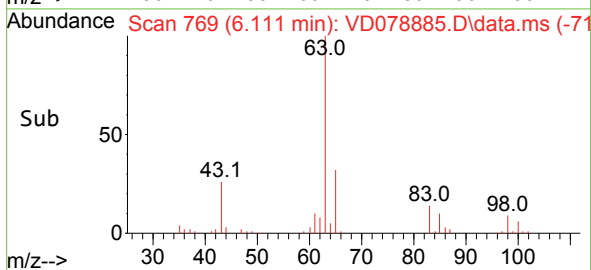
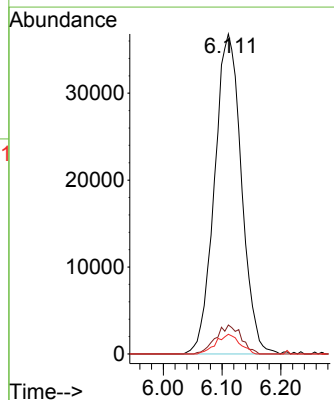
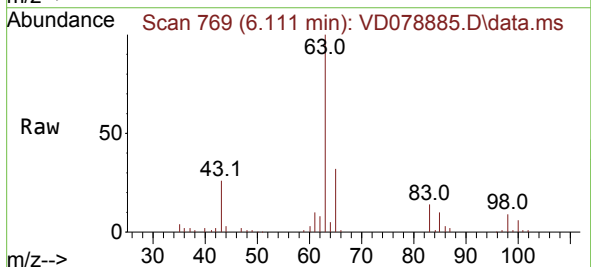
Instrument :
 MSVOA_D
 ClientSampleId :

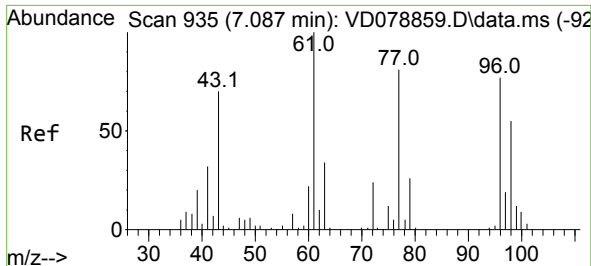
Tgt Ion: 43 Resp: 488088
 Ion Ratio Lower Upper
 43 100
 86 15.0 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 43.764 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078885.D
 Acq: 08 May 2024 12:50

Tgt Ion: 63 Resp: 117115
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.0 11.9
 100 6.1 2.7 8.1

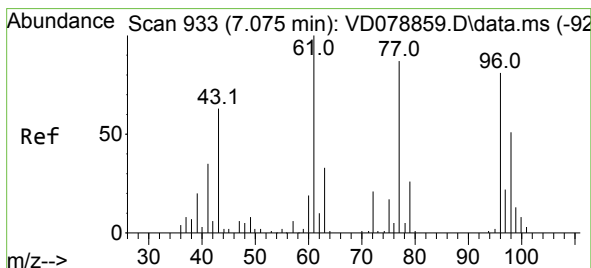
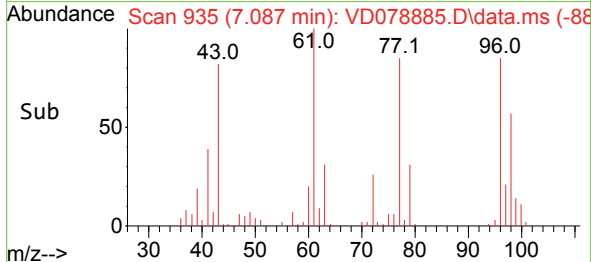
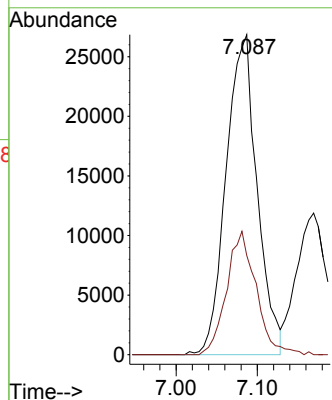
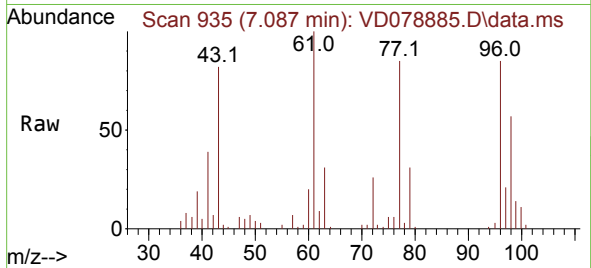




#25
2-Butanone
Concen: 242.269 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

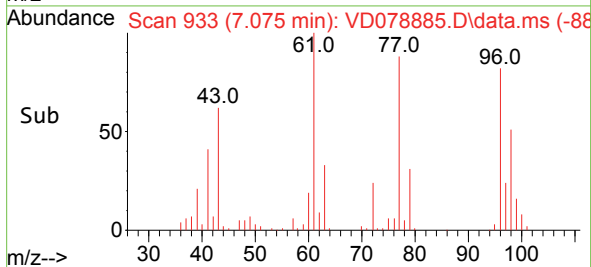
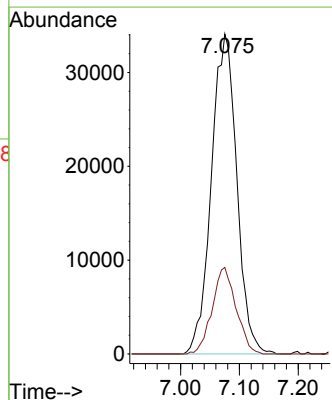
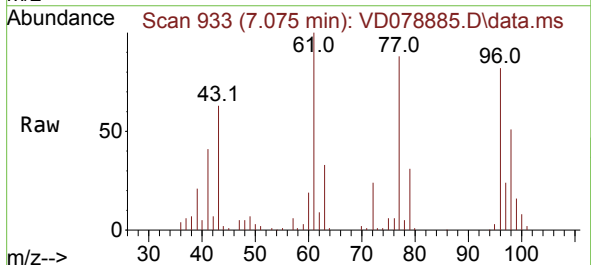
Instrument :
MSVOA_D
ClientSampleId :

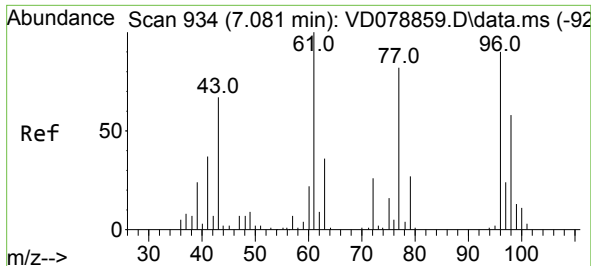
Tgt Ion: 43 Resp: 71225
Ion Ratio Lower Upper
43 100
72 31.0 25.0 37.6



#26
2,2-Dichloropropane
Concen: 45.368 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 77 Resp: 102442
Ion Ratio Lower Upper
77 100
97 25.4 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 46.202 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

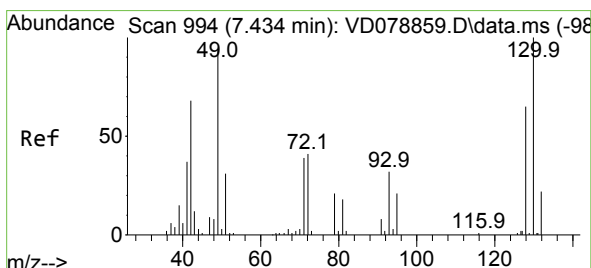
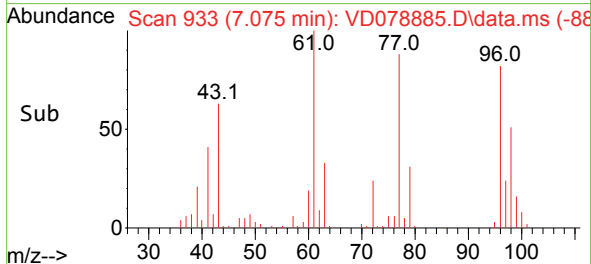
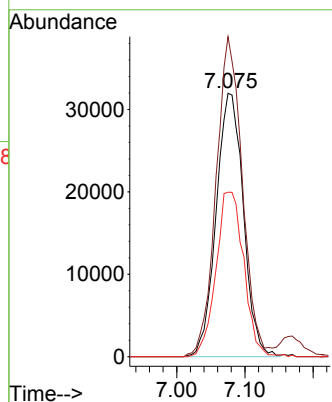
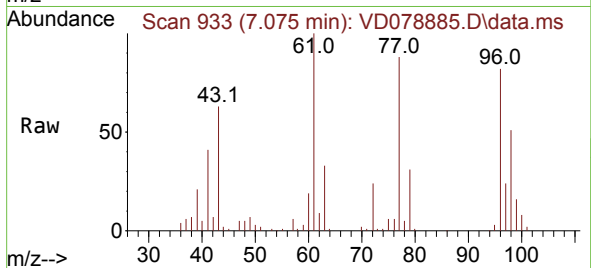
Tgt Ion: 96 Resp: 88614

Ion Ratio Lower Upper

96 100

61 117.5 0.0 245.0

98 64.0 0.0 126.6



#28

Bromochloromethane

Concen: 44.575 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.012 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

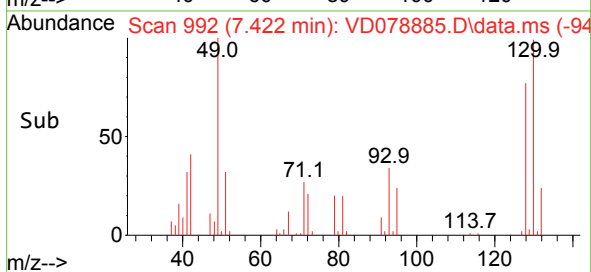
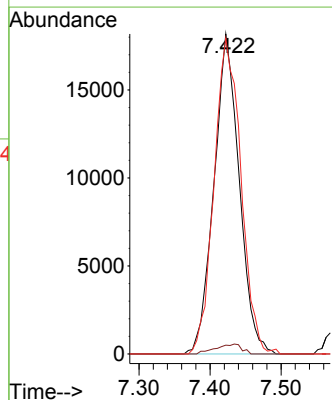
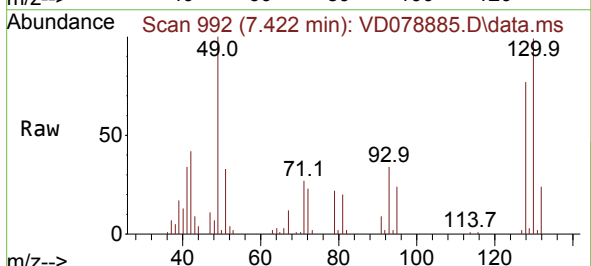
Tgt Ion: 49 Resp: 44879

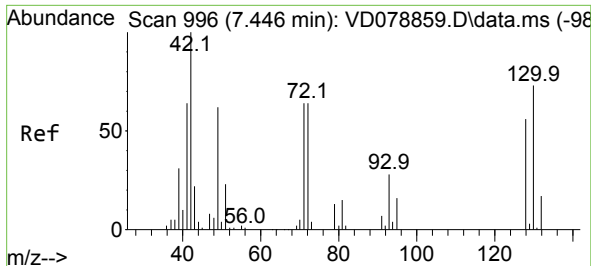
Ion Ratio Lower Upper

49 100

129 3.2 0.0 6.2

130 105.1 77.1 115.7





#29

Tetrahydrofuran

Concen: 243.596 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

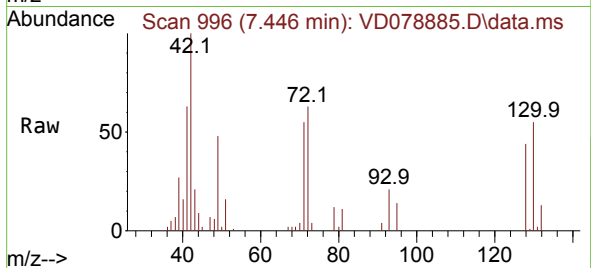
Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :



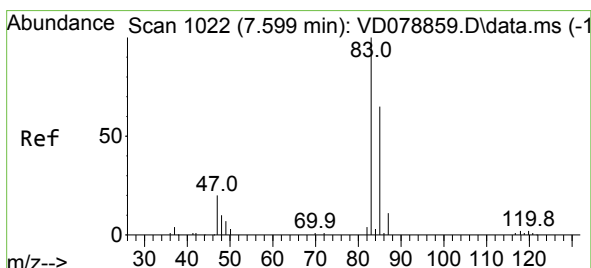
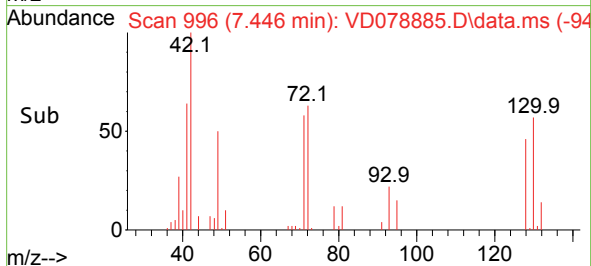
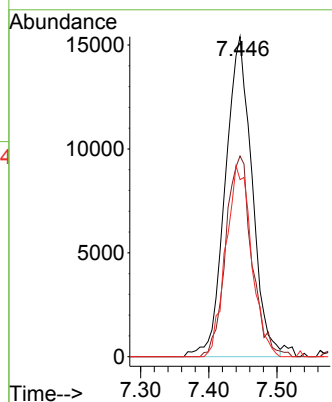
Tgt Ion: 42 Resp: 41905

Ion Ratio Lower Upper

42 100

72 61.5 43.8 65.6

71 57.7 42.0 63.0



#30

Chloroform

Concen: 45.005 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078885.D

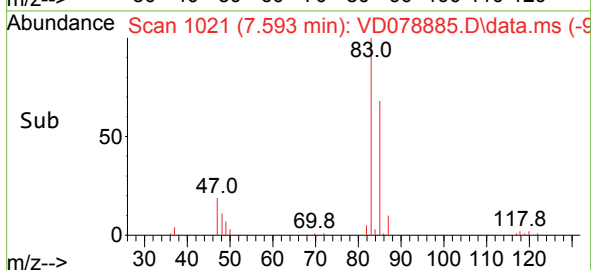
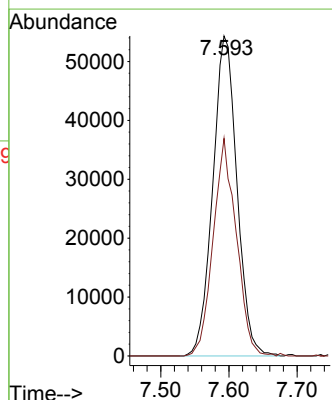
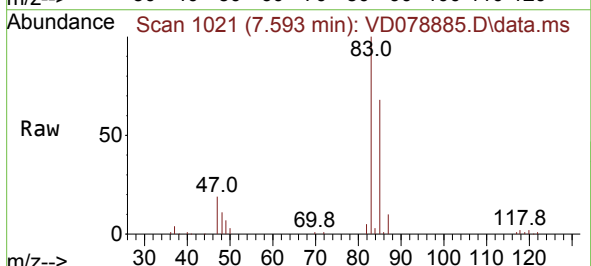
Acq: 08 May 2024 12:50

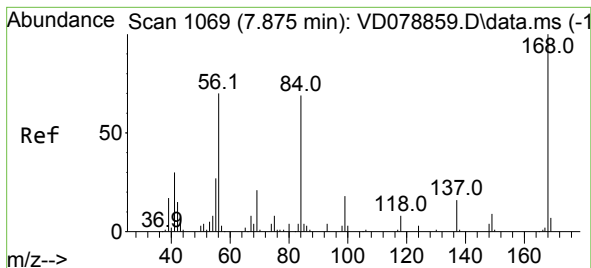
Tgt Ion: 83 Resp: 134396

Ion Ratio Lower Upper

83 100

85 68.0 51.2 76.8





#31

Cyclohexane

Concen: 43.429 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

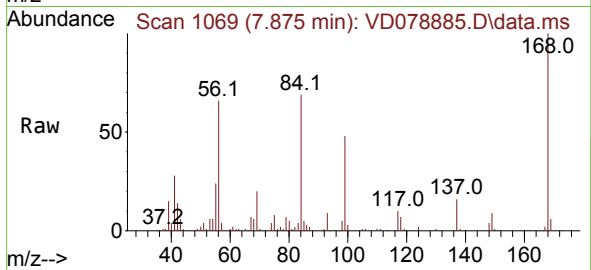
Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :



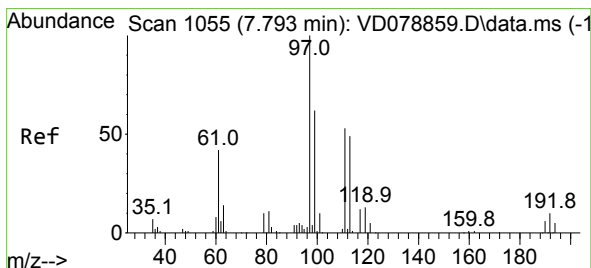
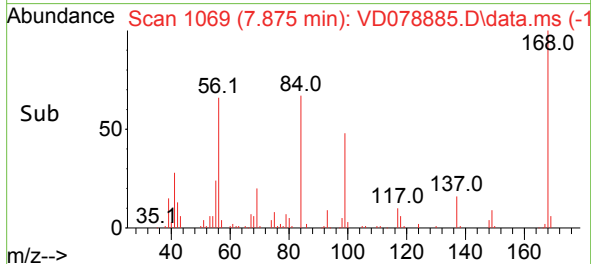
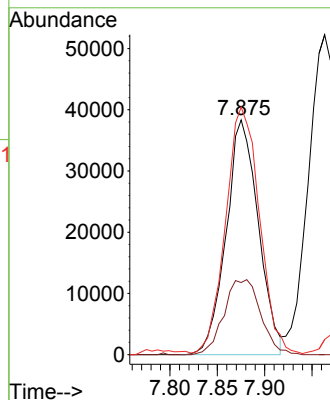
Tgt Ion: 56 Resp: 90640

Ion Ratio Lower Upper

56 100

69 30.7 26.6 40.0

84 104.2 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 47.379 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

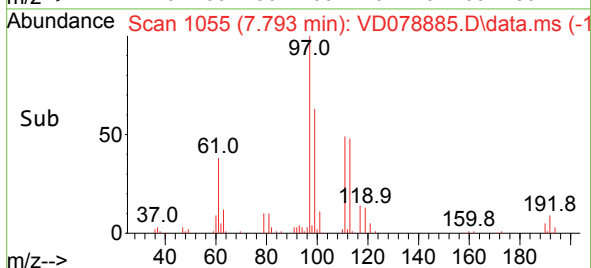
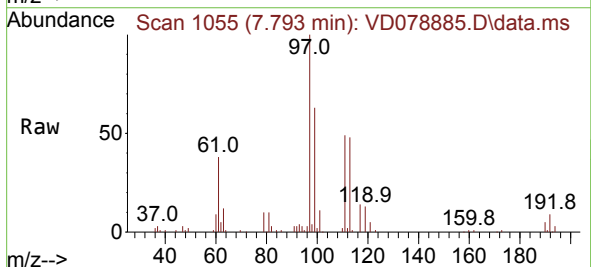
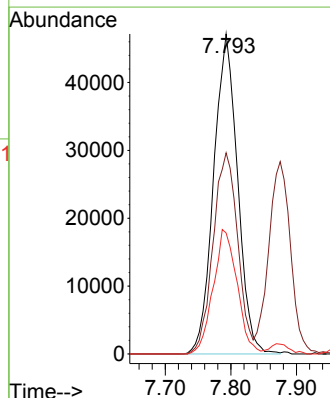
Tgt Ion: 97 Resp: 119332

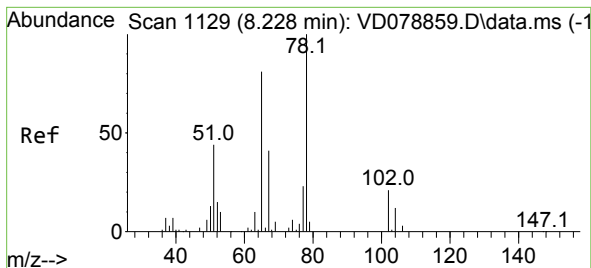
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 38.9 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 42.786 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

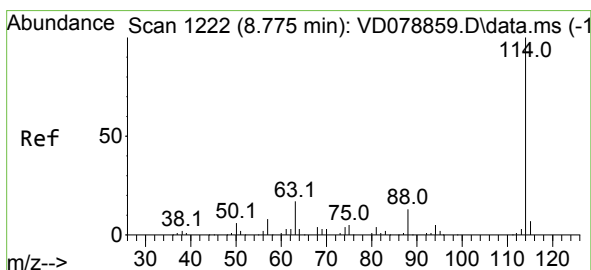
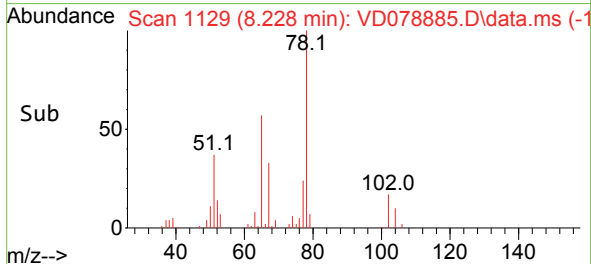
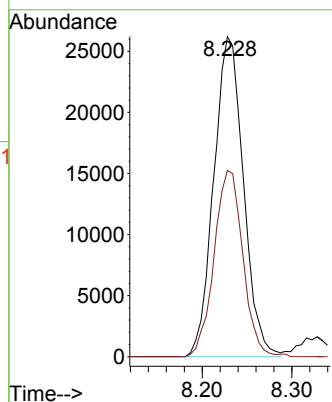
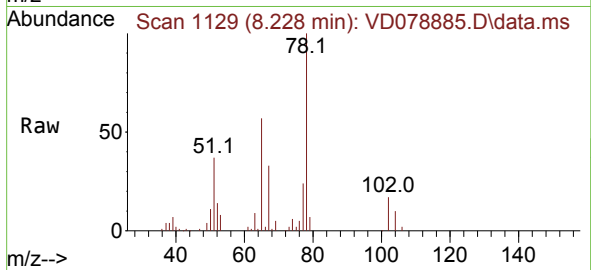
ClientSampleId :

Tgt Ion: 65 Resp: 60148

Ion Ratio Lower Upper

65 100

67 56.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

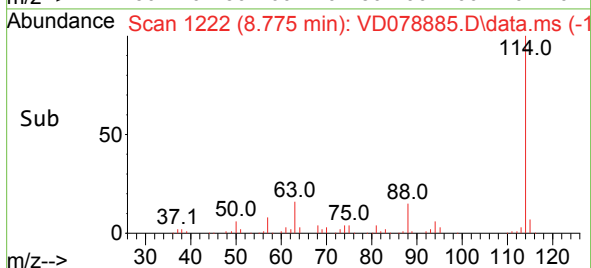
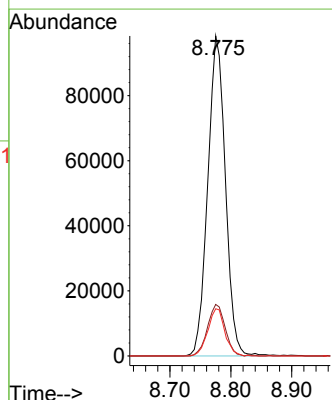
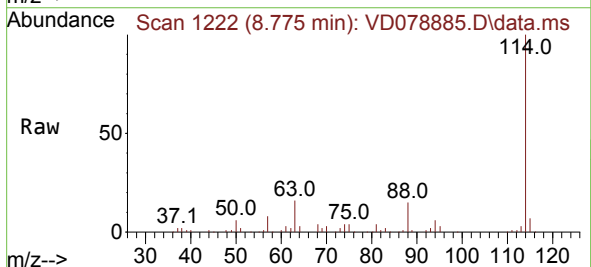
Tgt Ion: 114 Resp: 198369

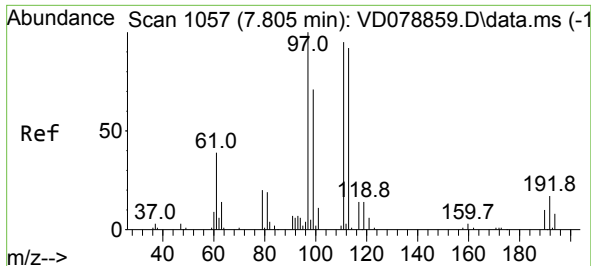
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.4

88 14.8 0.0 24.6

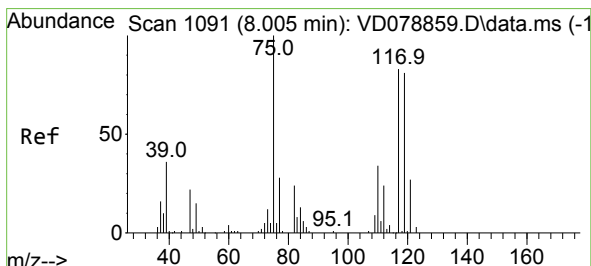
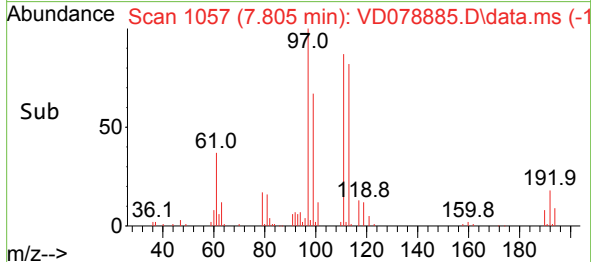
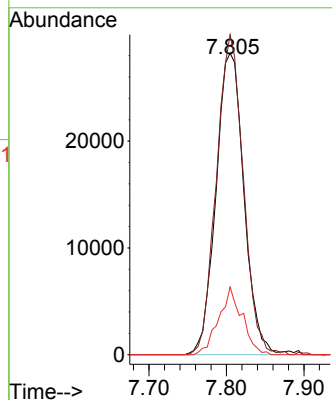
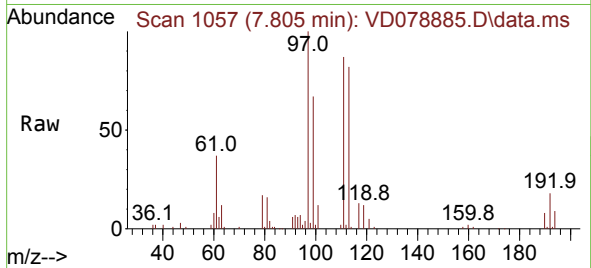




#35
Dibromofluoromethane
Concen: 48.521 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

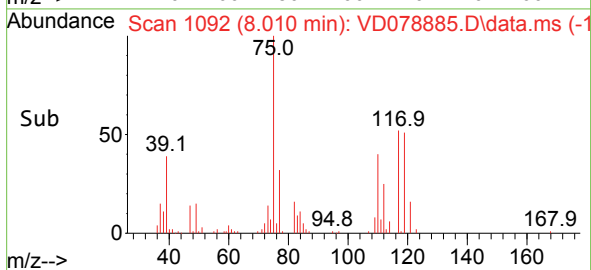
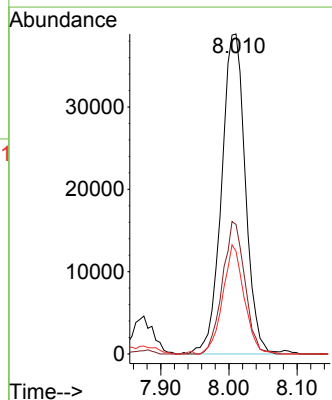
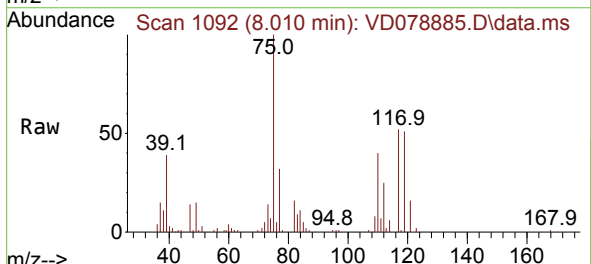
Instrument :
MSVOA_D
ClientSampleId :

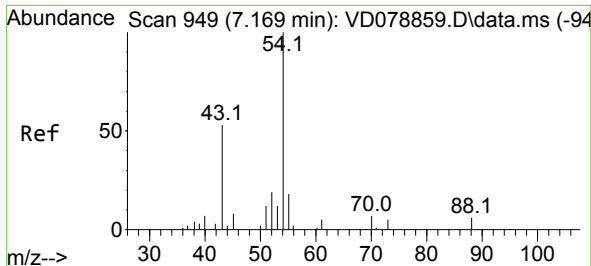
Tgt Ion:113 Resp: 70671
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 50.423 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 75 Resp: 94463
Ion Ratio Lower Upper
75 100
110 38.9 19.1 57.1
77 30.7 25.4 38.2





#37

Ethyl Acetate

Concen: 53.062 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

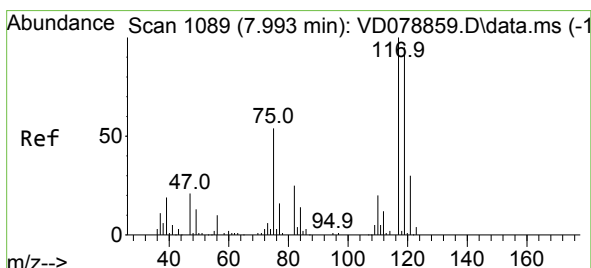
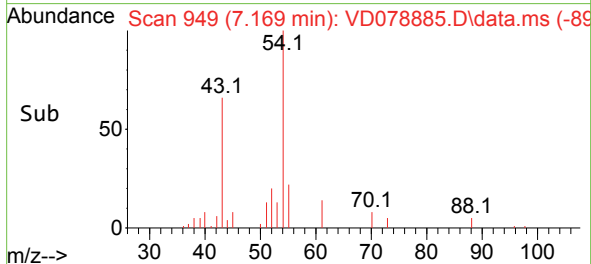
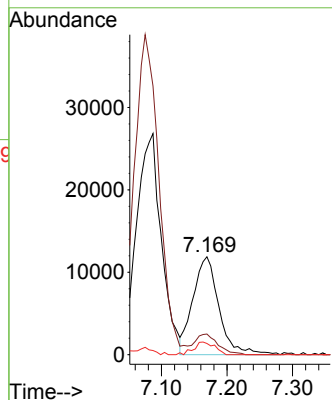
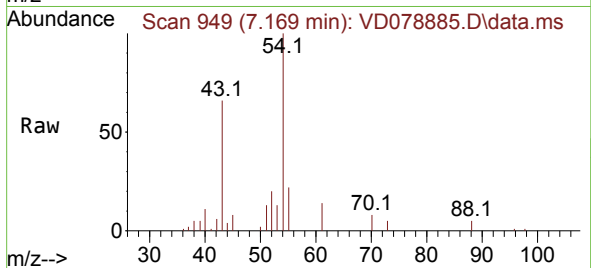
Tgt Ion: 43 Resp: 32880

Ion Ratio Lower Upper

43 100

61 18.6 14.6 21.8

70 10.3 9.4 14.0



#38

Carbon Tetrachloride

Concen: 50.709 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

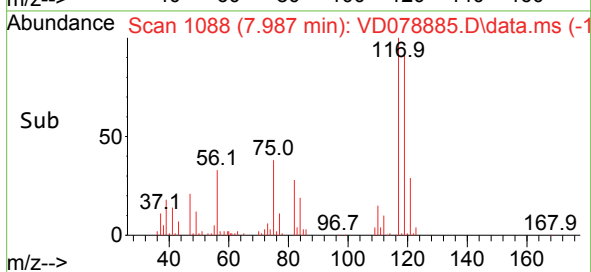
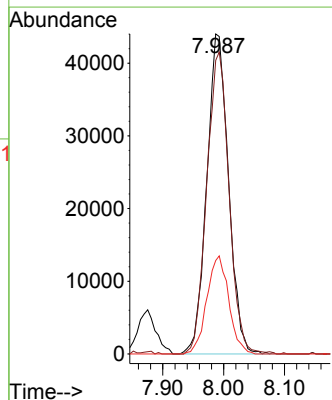
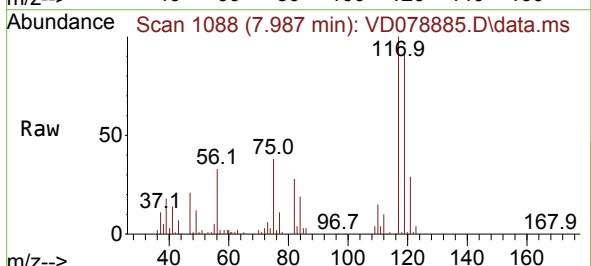
Tgt Ion: 117 Resp: 109354

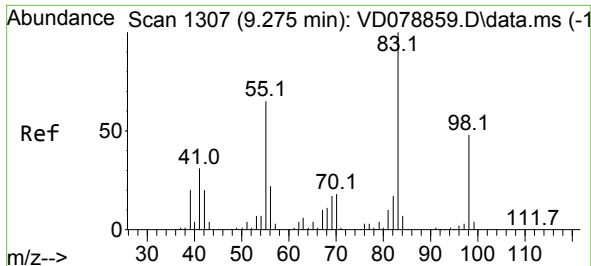
Ion Ratio Lower Upper

117 100

119 91.7 79.2 118.8

121 29.2 26.8 40.2





#39

Methylcyclohexane

Concen: 51.475 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

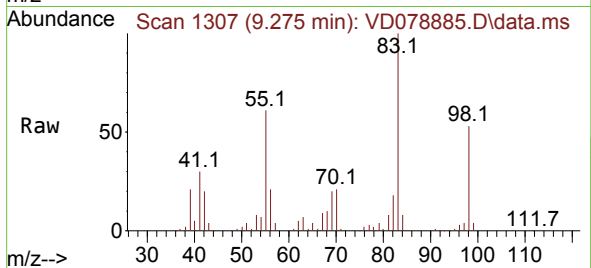
Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

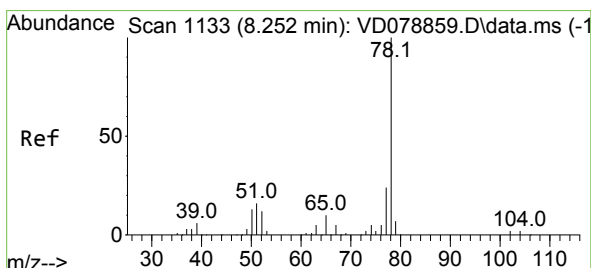
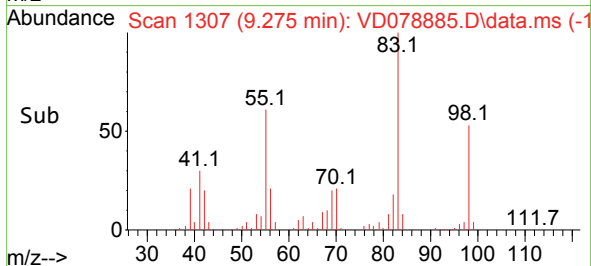
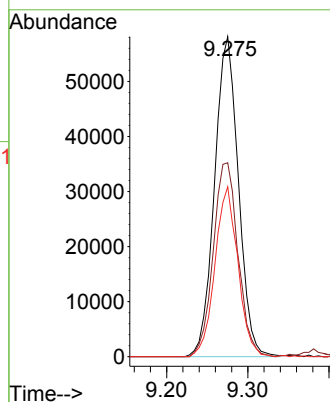
MSVOA_D

ClientSampleId :



Tgt Ion: 83 Resp: 118824

Ion	Ratio	Lower	Upper
83	100		
55	60.6	51.7	77.5
98	53.1	41.4	62.0



#40

Benzene

Concen: 48.833 ug/l

RT: 8.252 min Scan# 1133

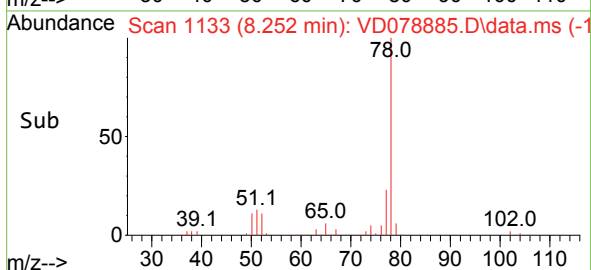
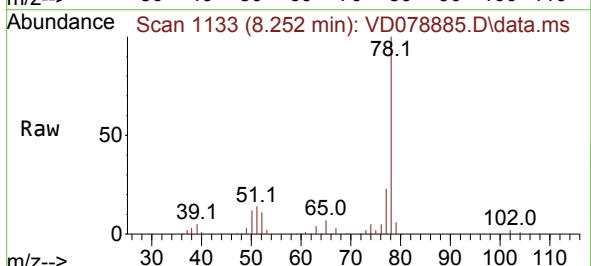
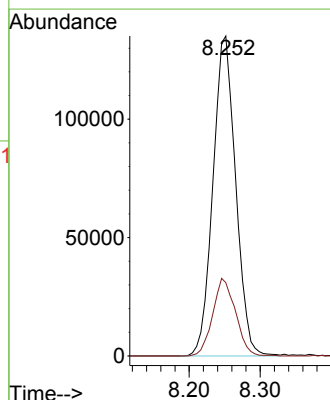
Delta R.T. 0.000 min

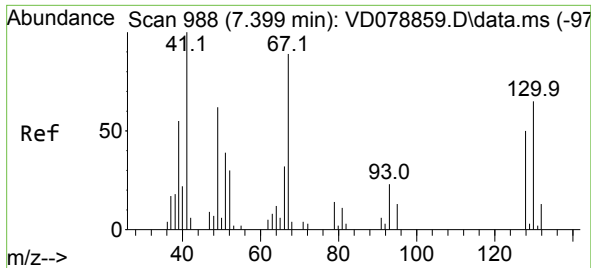
Lab File: VD078885.D

Acq: 08 May 2024 12:50

Tgt Ion: 78 Resp: 299598

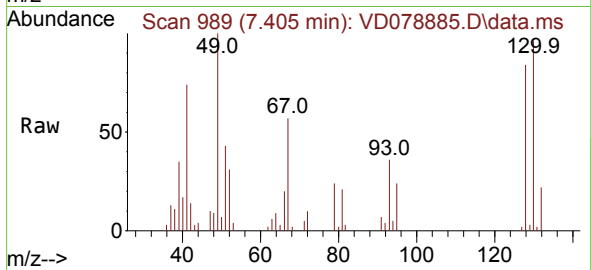
Ion	Ratio	Lower	Upper
78	100		
77	22.9	20.4	30.6



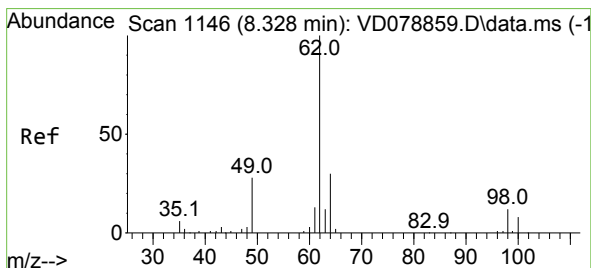
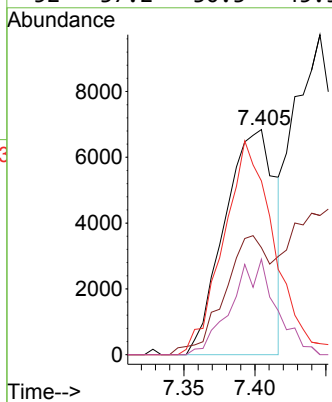
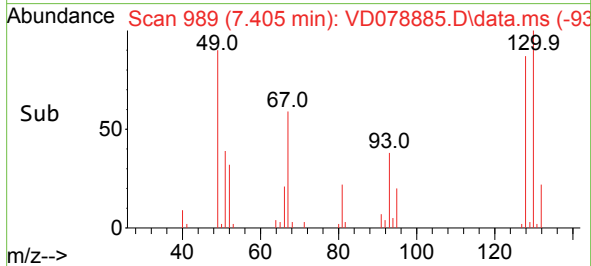


#41
Methacrylonitrile
Concen: 55.560 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Instrument :
MSVOA_D
ClientSampleId :

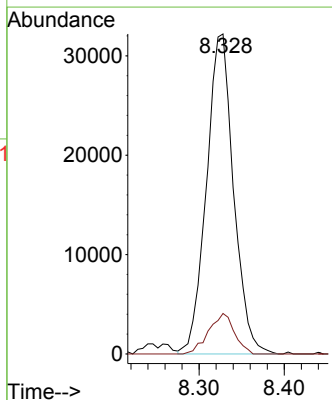
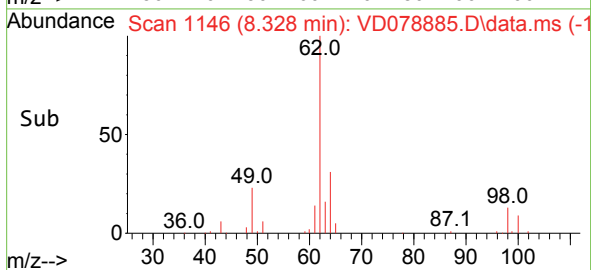
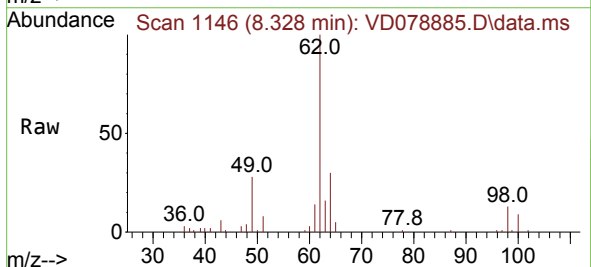


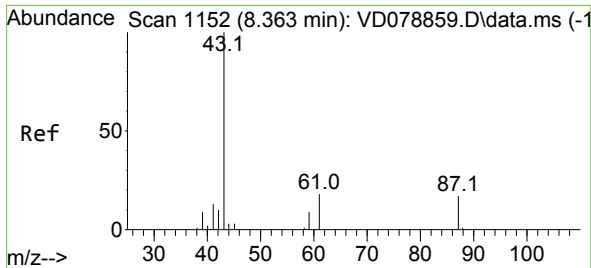
Tgt Ion:	41	Resp:	17001
Ion	Ratio	Lower	Upper
41	100		
39	45.7	39.8	59.6
67	94.8	83.5	125.3
52	37.2	30.3	45.5



#42
1,2-Dichloroethane
Concen: 49.158 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion:	62	Resp:	71201
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	23.8

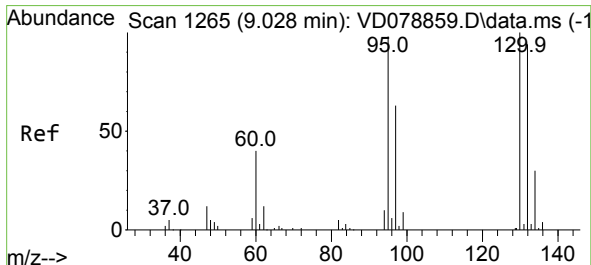
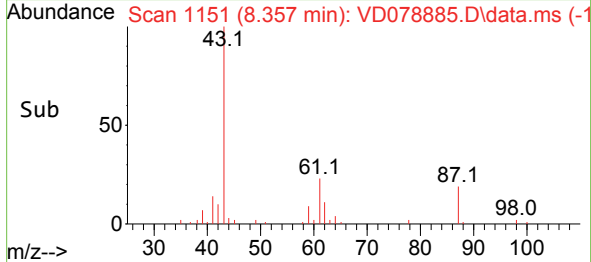
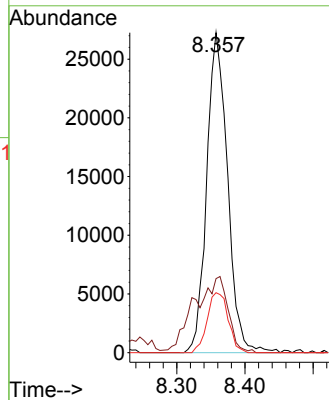
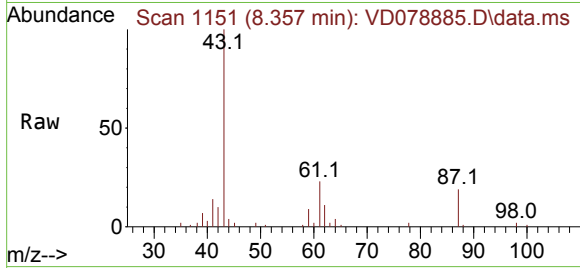




#43
Isopropyl Acetate
Concen: 51.136 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

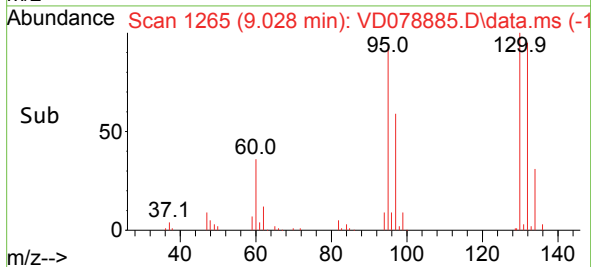
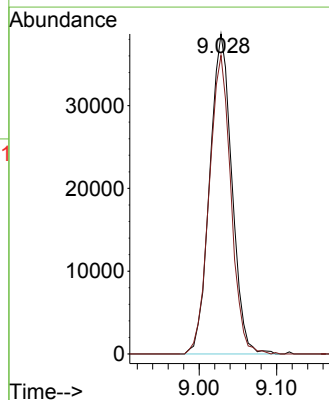
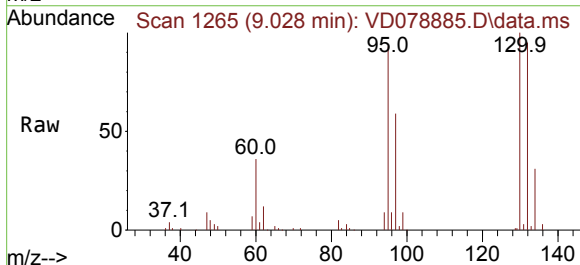
Instrument :
MSVOA_D
ClientSampleId :

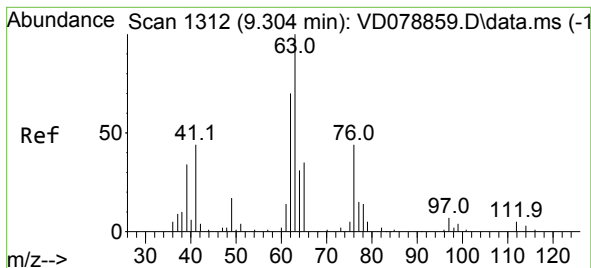
Tgt Ion: 43 Resp: 57959
Ion Ratio Lower Upper
43 100
61 25.1 30.1 45.1#
87 18.9 14.4 21.6



#44
Trichloroethene
Concen: 49.715 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion:130 Resp: 76831
Ion Ratio Lower Upper
130 100
95 93.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 49.455 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

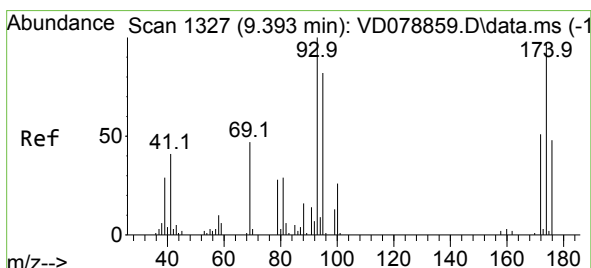
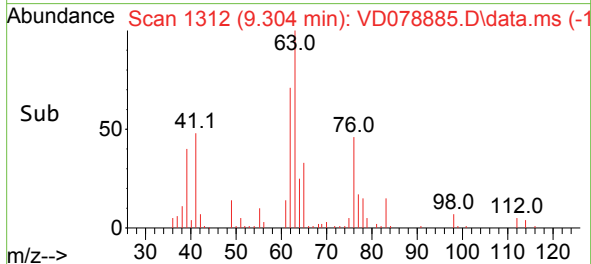
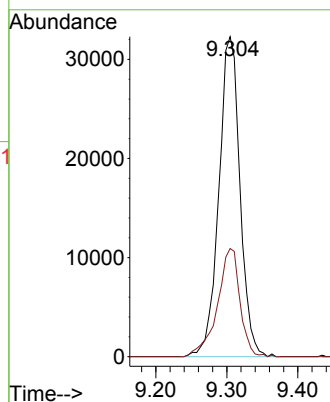
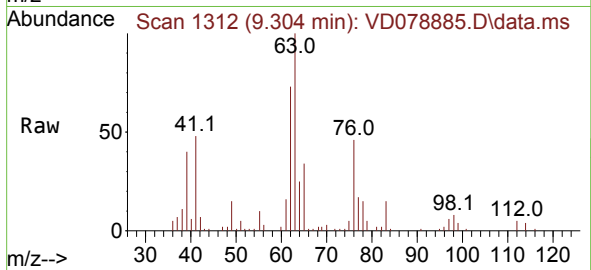
ClientSampleId :

Tgt Ion: 63 Resp: 66540

Ion Ratio Lower Upper

63 100

65 33.8 24.8 37.2



#46

Dibromomethane

Concen: 51.234 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

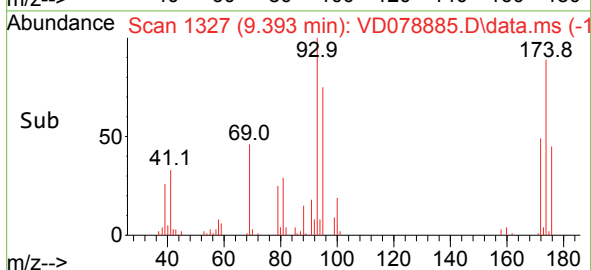
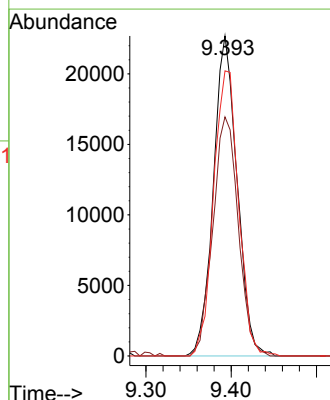
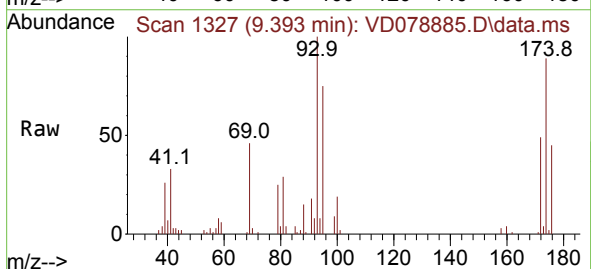
Tgt Ion: 93 Resp: 43886

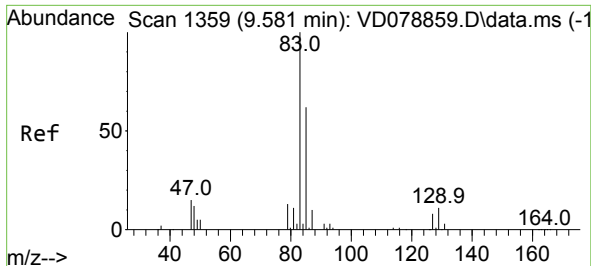
Ion Ratio Lower Upper

93 100

95 79.9 67.3 100.9

174 93.6 80.9 121.3





#47

Bromodichloromethane

Concen: 48.985 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

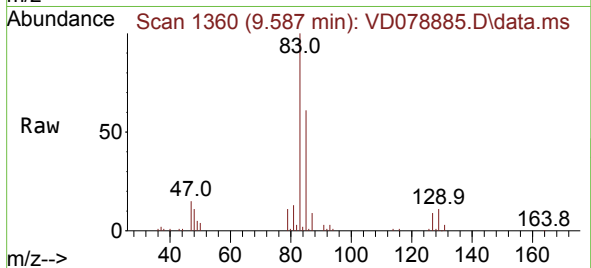
Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :



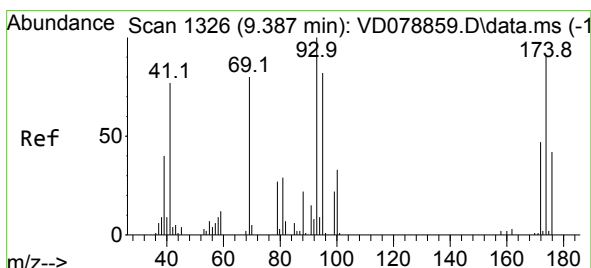
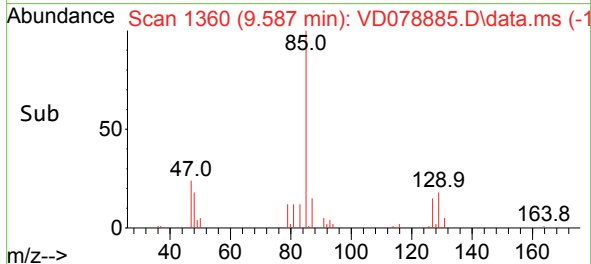
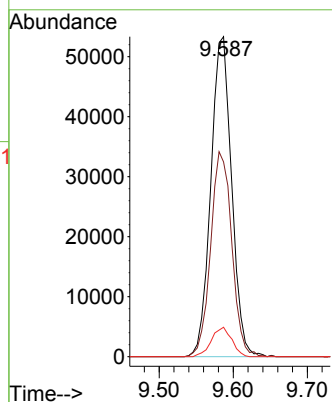
Tgt Ion: 83 Resp: 103899

Ion Ratio Lower Upper

83 100

85 60.9 54.0 81.0

127 9.2 7.1 10.7



#48

Methyl methacrylate

Concen: 49.762 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.012 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

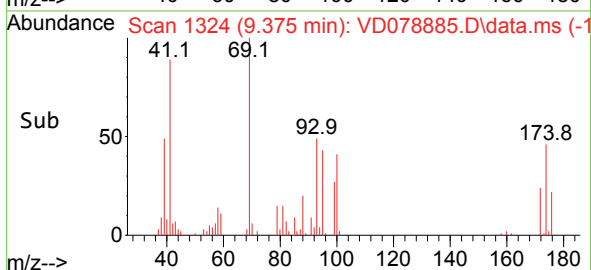
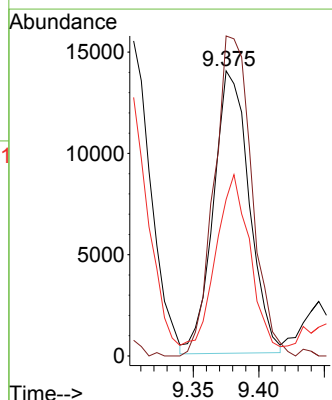
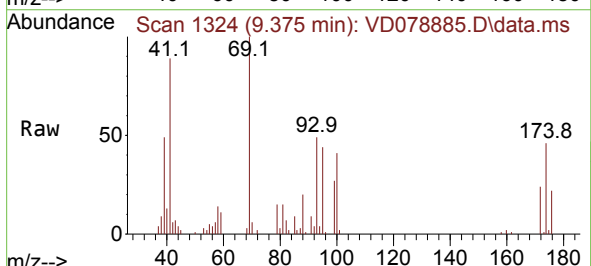
Tgt Ion: 41 Resp: 26437

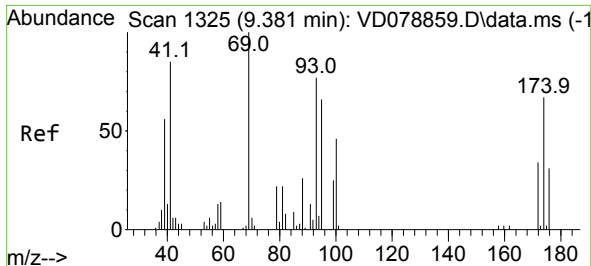
Ion Ratio Lower Upper

41 100

69 119.0 88.3 132.5

39 57.6 46.6 69.8





#49

1,4-Dioxane

Concen: 1099.046 ug/l

RT: 9.381 min Scan# 1

Delta R.T. 0.000 min

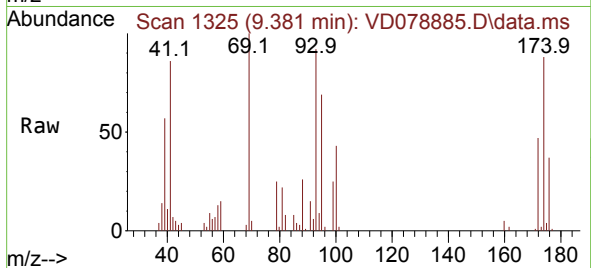
Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :



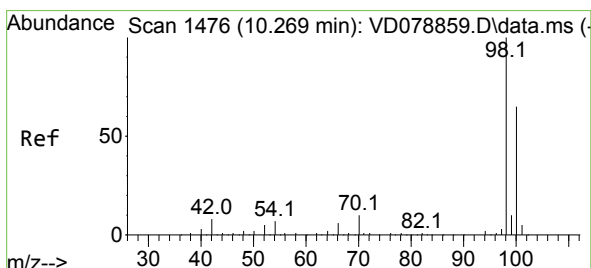
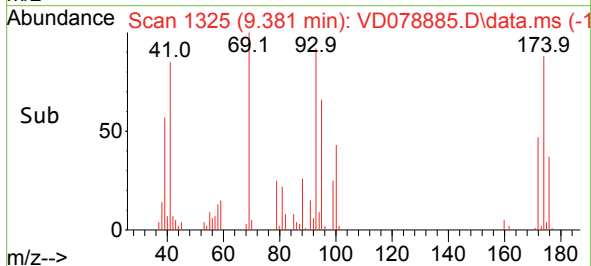
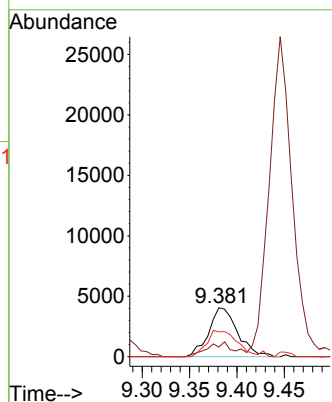
Tgt Ion: 88 Resp: 8591

Ion Ratio Lower Upper

88 100

43 23.7 23.2 34.8

58 57.6 51.0 76.6



#50

Toluene-d8

Concen: 47.667 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078885.D

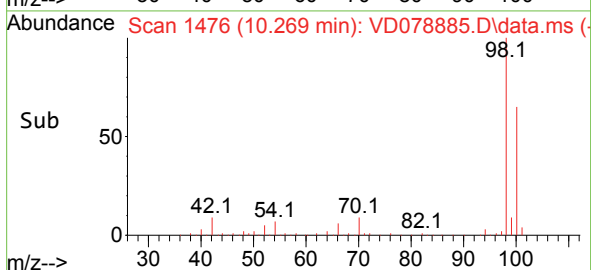
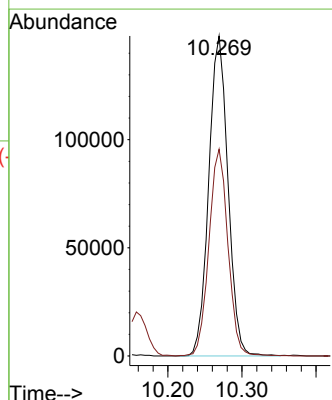
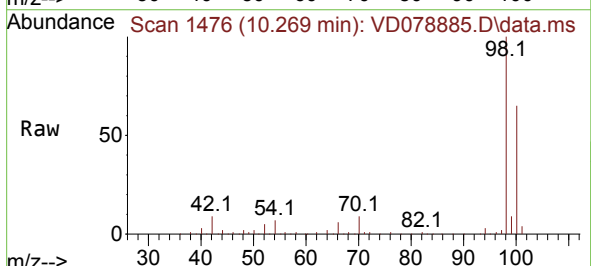
Acq: 08 May 2024 12:50

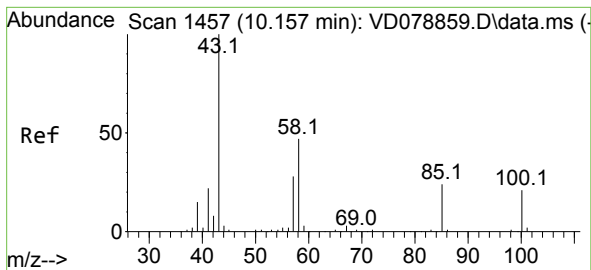
Tgt Ion: 98 Resp: 266434

Ion Ratio Lower Upper

98 100

100 64.0 50.5 75.7

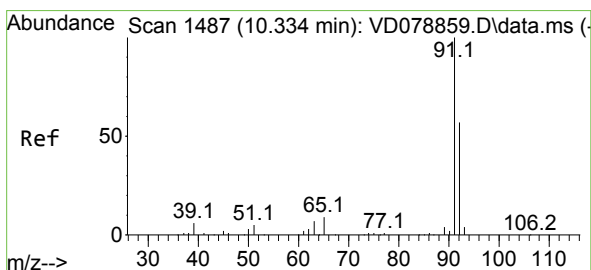
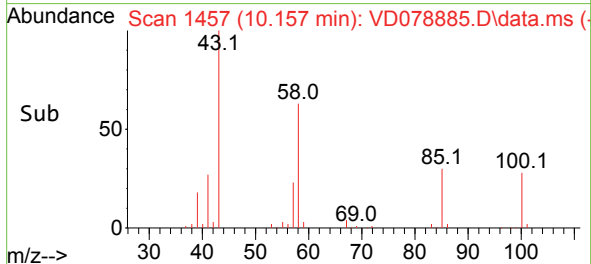
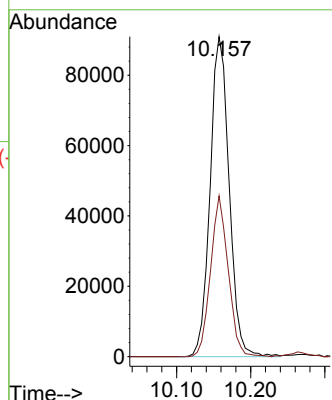
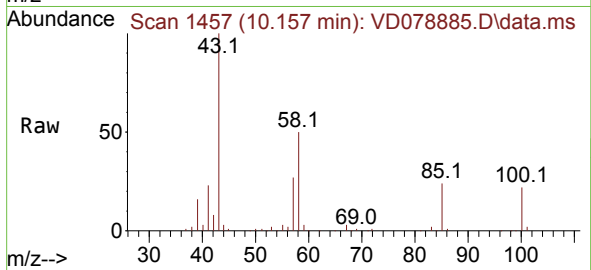




#51
4-Methyl-2-Pentanone
Concen: 267.491 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

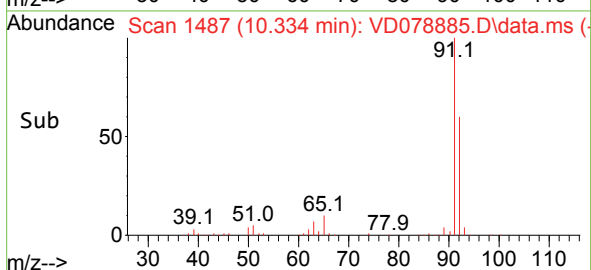
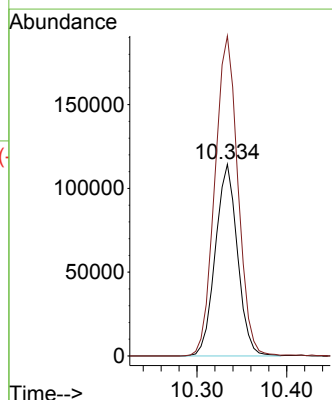
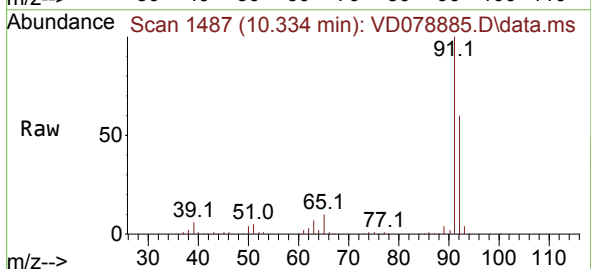
Instrument :
MSVOA_D
ClientSampleId :

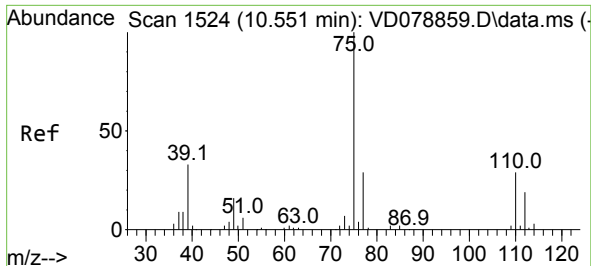
Tgt Ion: 43 Resp: 162354
Ion Ratio Lower Upper
43 100
58 46.7 36.4 54.6



#52
Toluene
Concen: 50.746 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 92 Resp: 195556
Ion Ratio Lower Upper
92 100
91 174.3 136.6 205.0

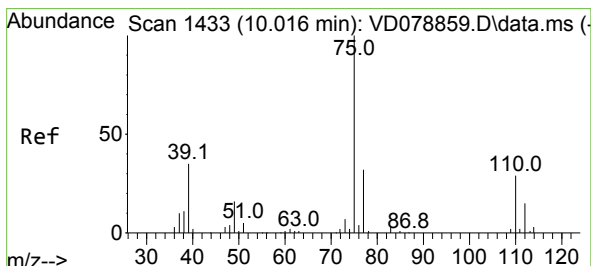
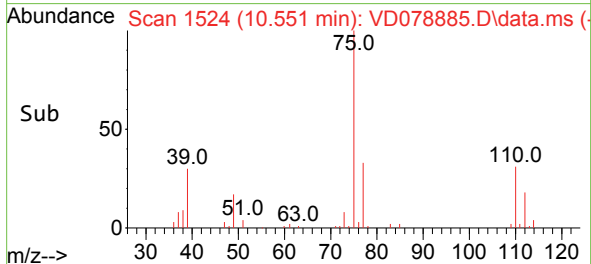
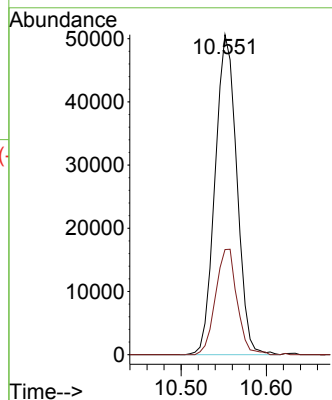
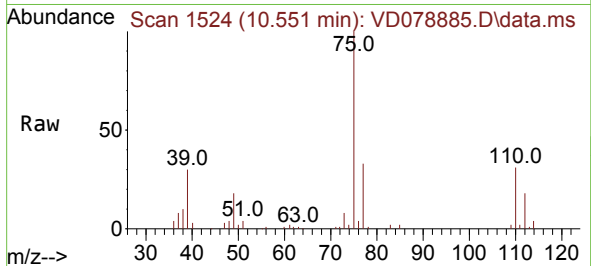




#53
t-1,3-Dichloropropene
Concen: 50.469 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

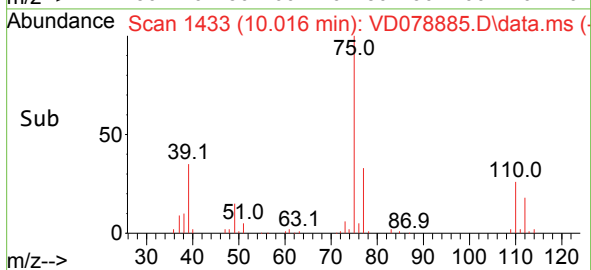
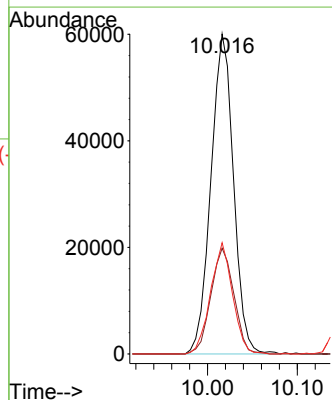
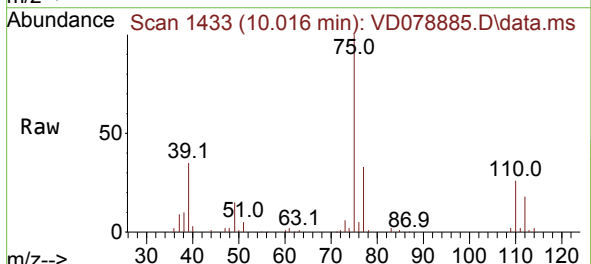
Instrument :
MSVOA_D
ClientSampleId :

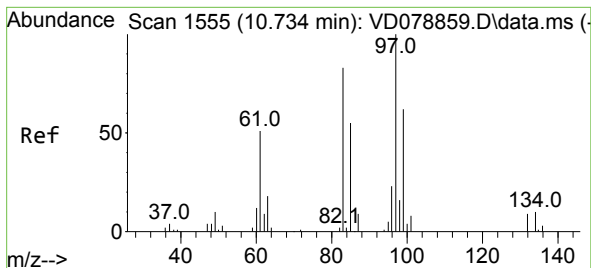
Tgt Ion: 75 Resp: 89758
Ion Ratio Lower Upper
75 100
77 32.8 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 48.867 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 75 Resp: 104969
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0
39 34.7 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 52.527 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 58360

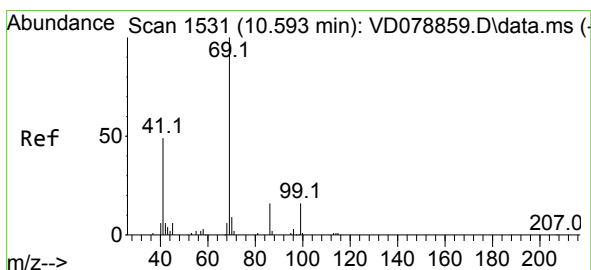
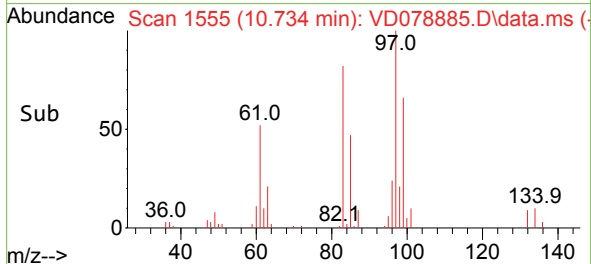
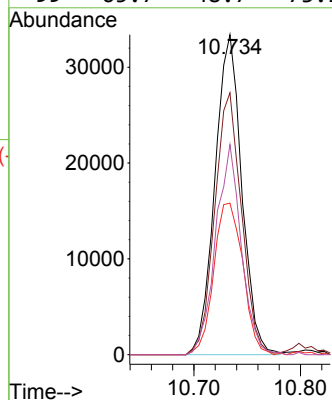
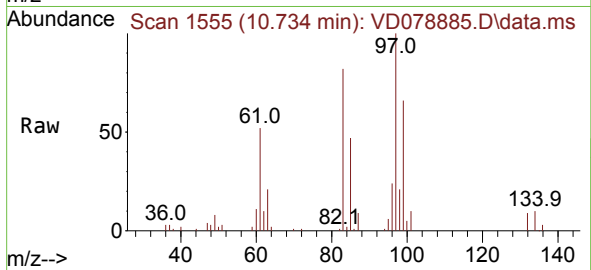
Ion Ratio Lower Upper

97 100

83 81.9 68.1 102.1

85 47.4 48.2 72.2#

99 65.7 48.7 73.1



#56

Ethyl methacrylate

Concen: 54.103 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.006 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

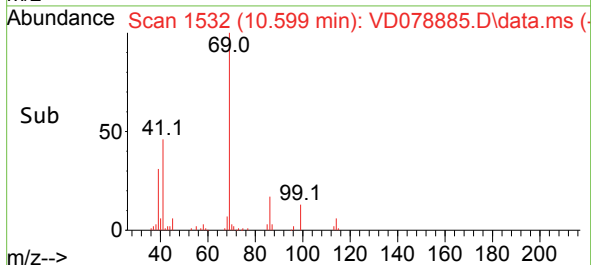
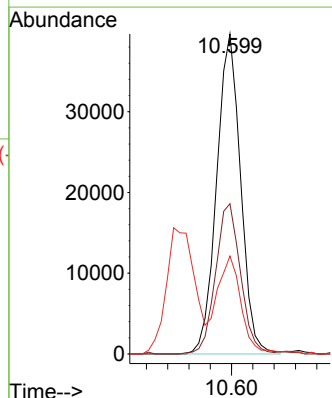
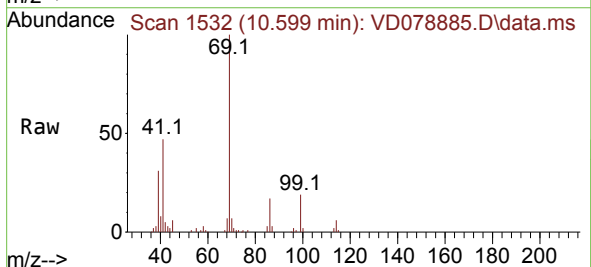
Tgt Ion: 69 Resp: 61763

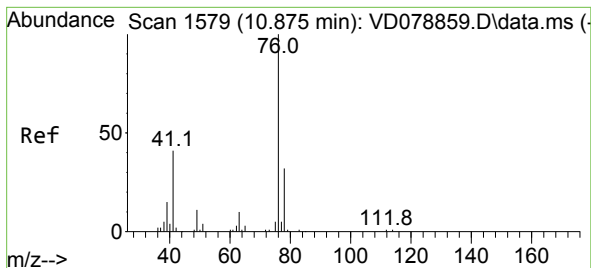
Ion Ratio Lower Upper

69 100

41 48.9 40.9 61.3

39 31.7 25.5 38.3





#57

1,3-Dichloropropane

Concen: 50.818 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

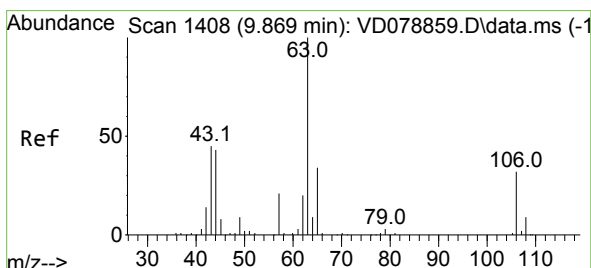
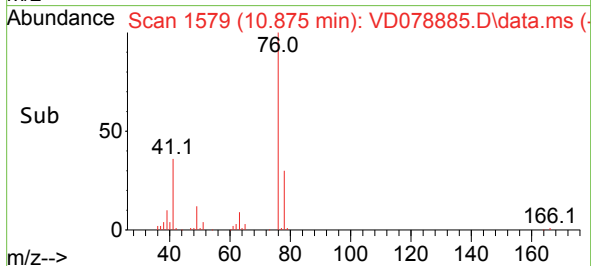
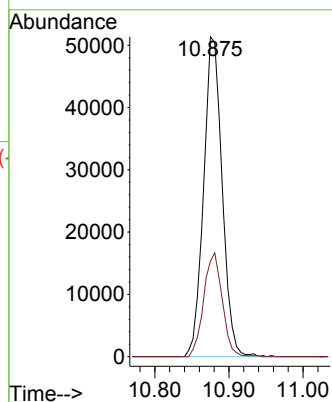
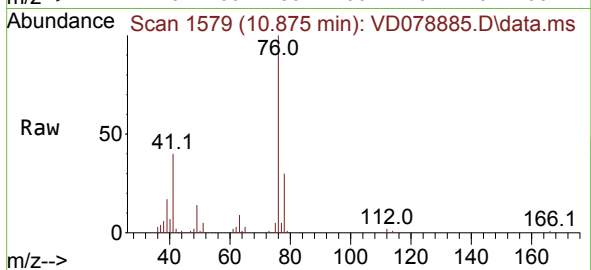
ClientSampleId :

Tgt Ion: 76 Resp: 89285

Ion Ratio Lower Upper

76 100

78 32.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 234.995 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078885.D

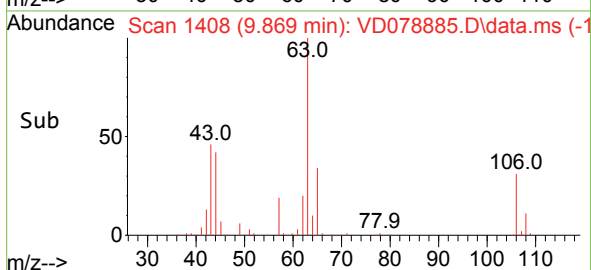
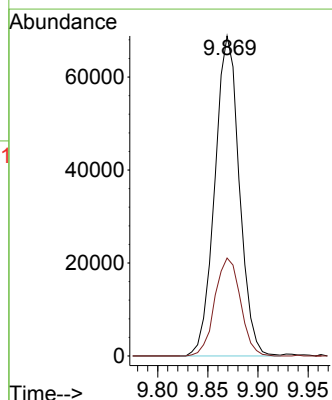
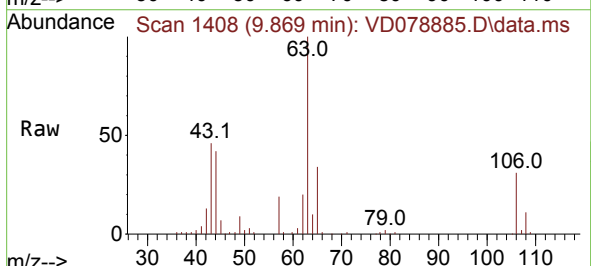
Acq: 08 May 2024 12:50

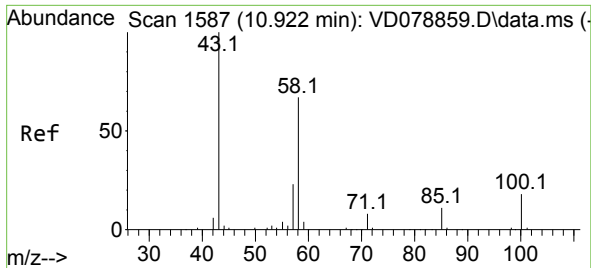
Tgt Ion: 63 Resp: 117140

Ion Ratio Lower Upper

63 100

106 31.9 25.2 37.8

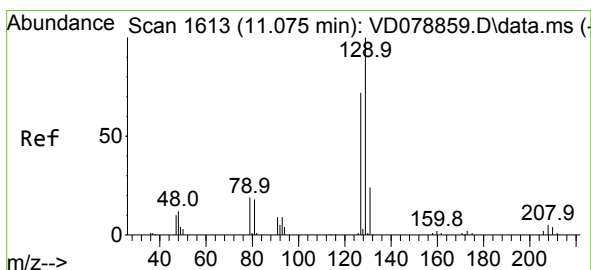
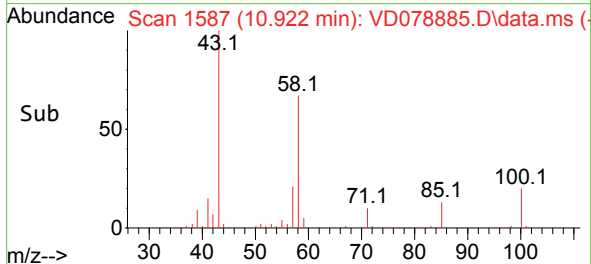
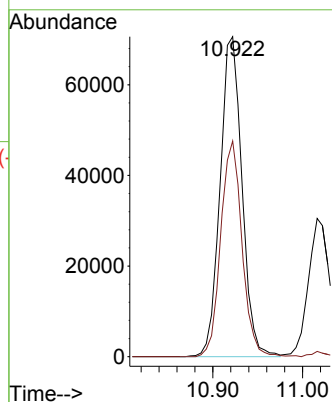
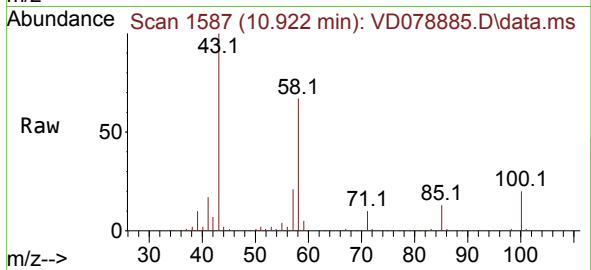




#59
2-Hexanone
Concen: 277.982 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

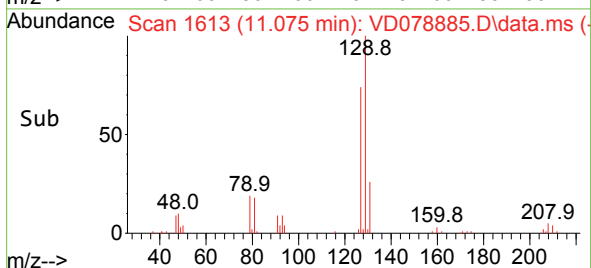
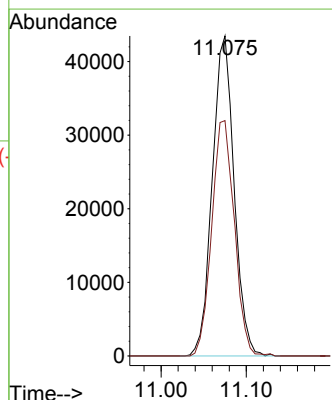
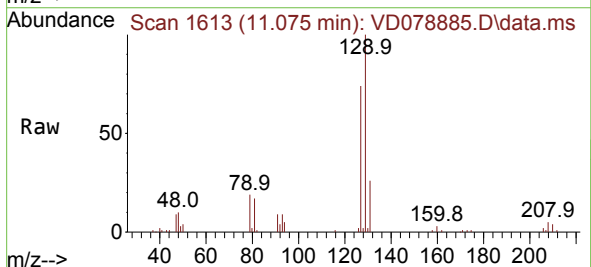
Instrument :
MSVOA_D
ClientSampleId :

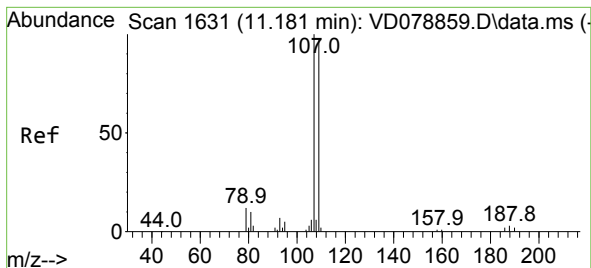
Tgt Ion: 43 Resp: 119464
Ion Ratio Lower Upper
43 100
58 65.4 31.5 94.5



#60
Dibromochloromethane
Concen: 51.344 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion:129 Resp: 77318
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.119 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

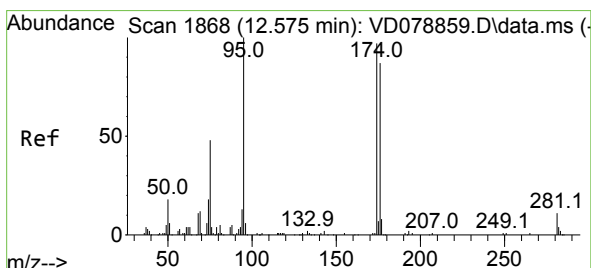
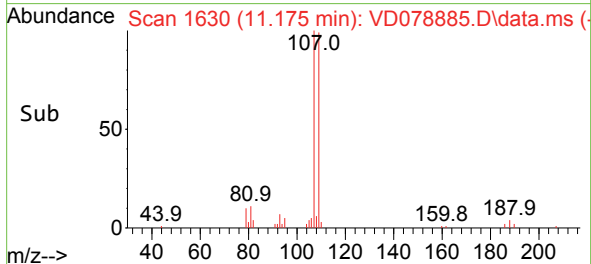
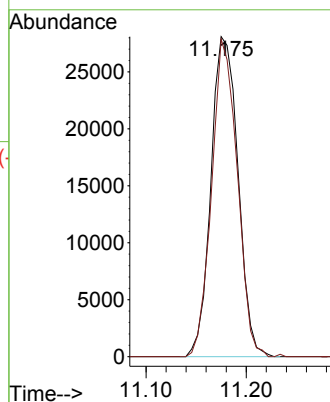
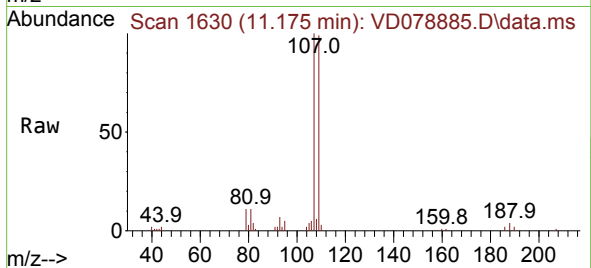
ClientSampleId :

Tgt Ion:107 Resp: 52672

Ion Ratio Lower Upper

107 100

109 93.9 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 47.830 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

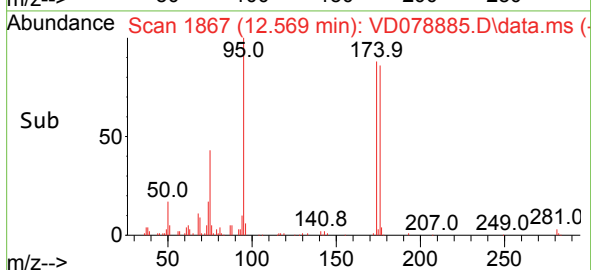
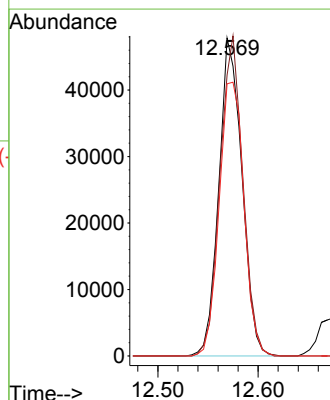
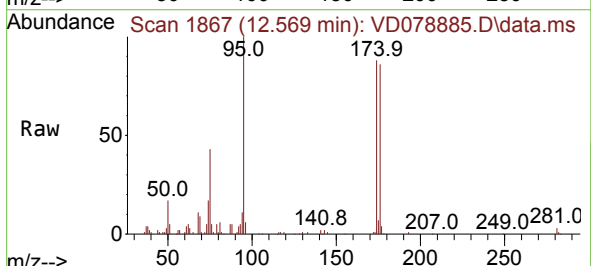
Tgt Ion: 95 Resp: 76514

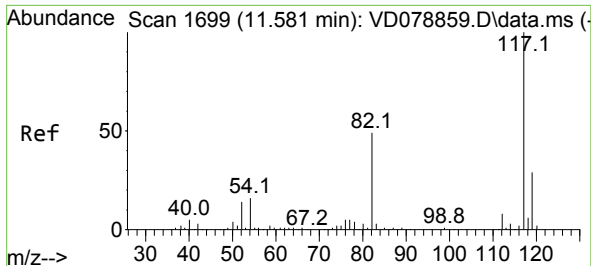
Ion Ratio Lower Upper

95 100

174 99.8 0.0 195.2

176 92.4 0.0 188.2

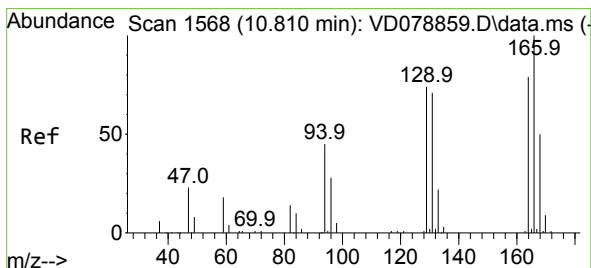
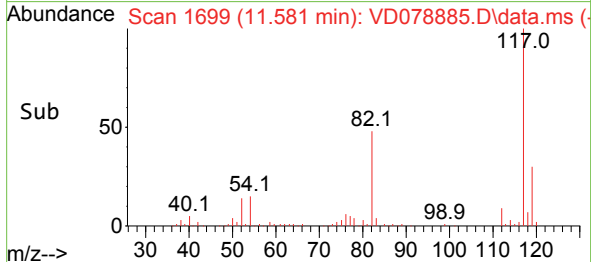
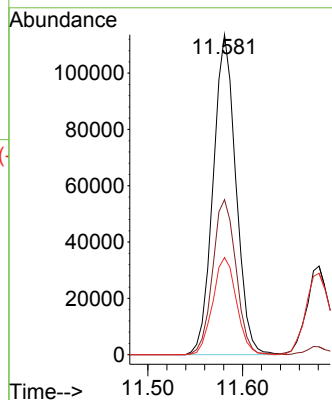
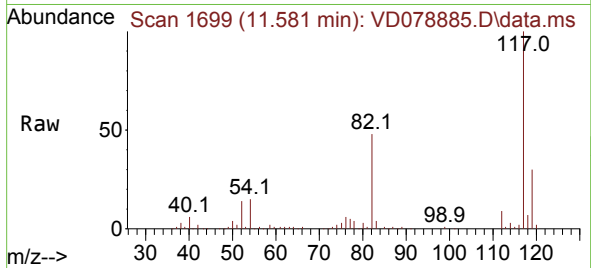




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

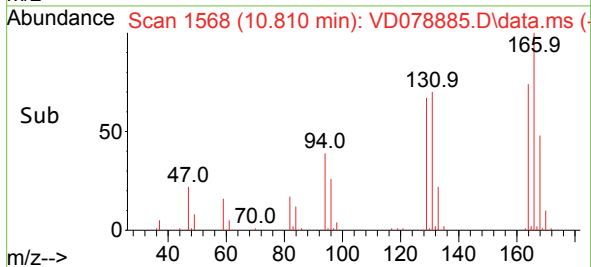
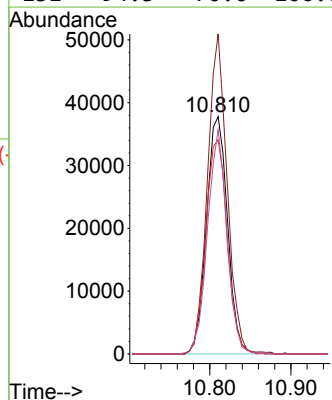
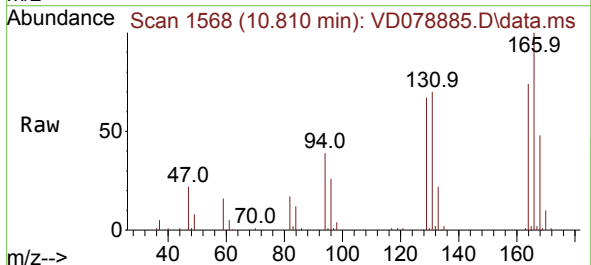
Instrument :
MSVOA_D
ClientSampleId :

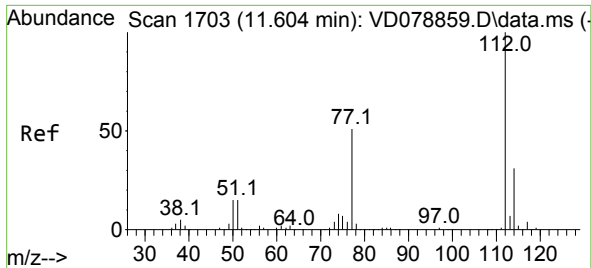
Tgt Ion:117 Resp: 190163
Ion Ratio Lower Upper
117 100
82 48.4 41.4 62.2
119 30.4 26.5 39.7



#64
Tetrachloroethene
Concen: 52.523 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion:164 Resp: 68126
Ion Ratio Lower Upper
164 100
166 134.8 98.9 148.3
129 90.3 70.3 105.5
131 94.3 70.6 106.0

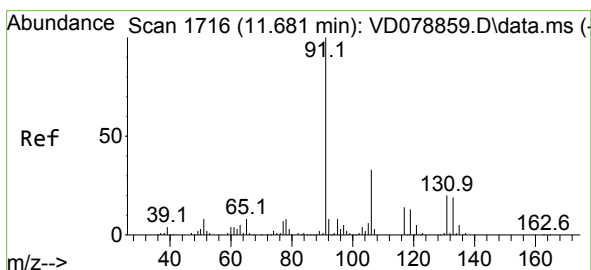
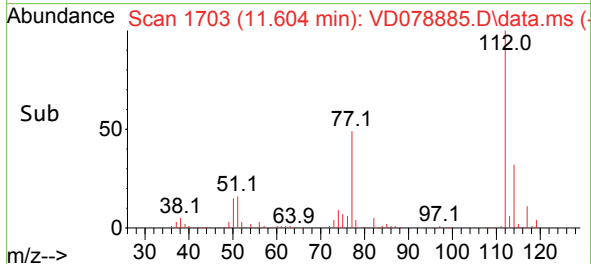
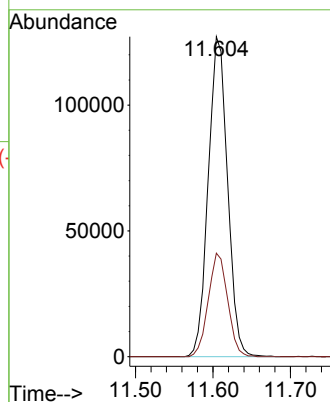
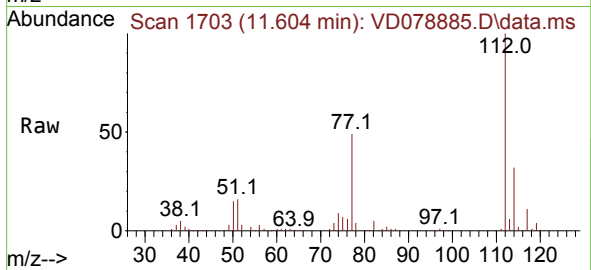




#65
Chlorobenzene
Concen: 50.395 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

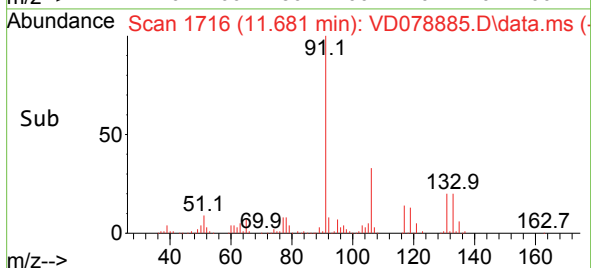
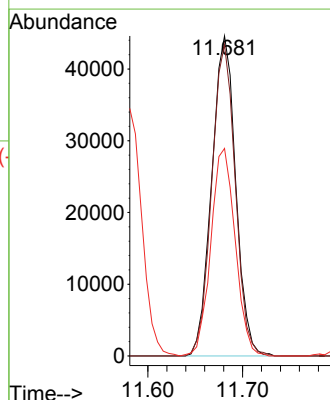
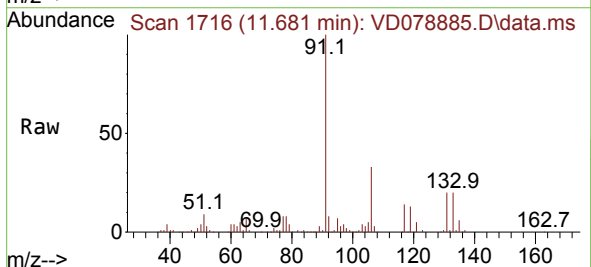
Instrument :
MSVOA_D
ClientSampleId :

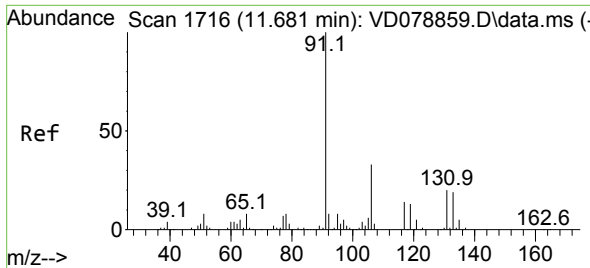
Tgt Ion:112 Resp: 219935
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.405 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion:131 Resp: 78451
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 65.9 34.1 102.3

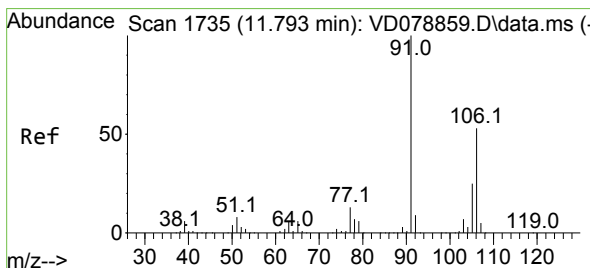
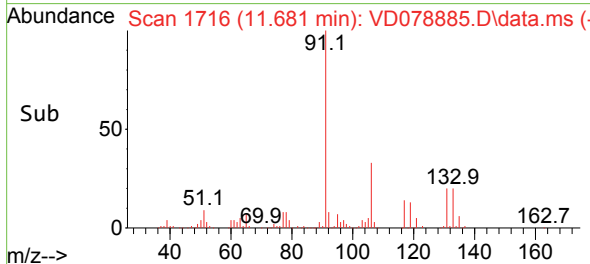
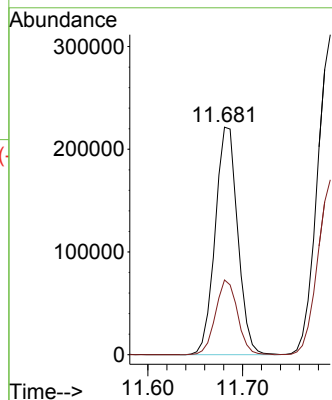
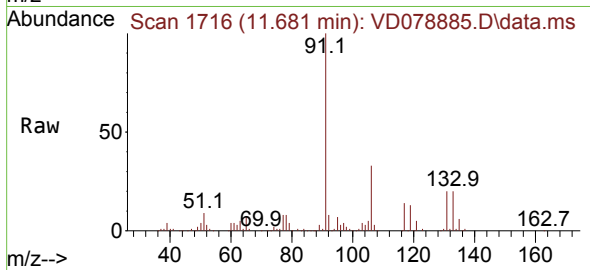




#67
Ethyl Benzene
Concen: 51.335 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

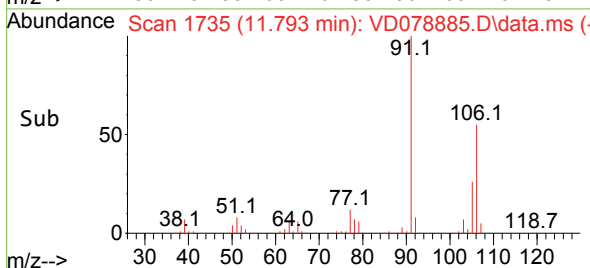
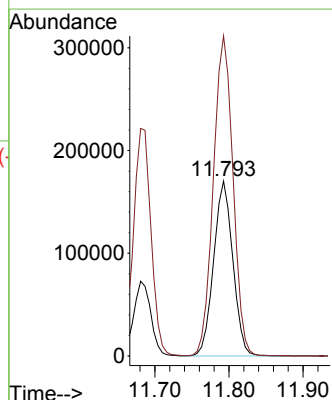
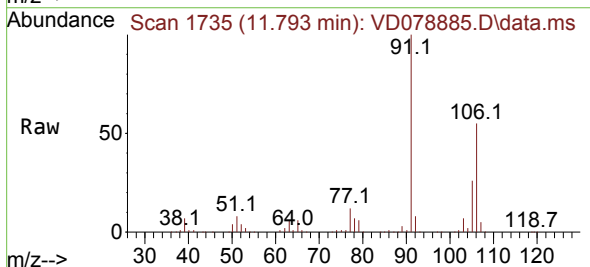
Instrument :
MSVOA_D
ClientSampleId :

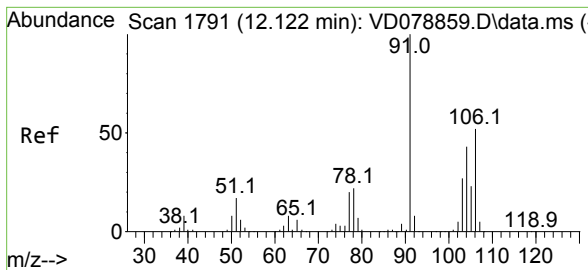
Tgt Ion: 91 Resp: 366455
Ion Ratio Lower Upper
91 100
106 32.9 24.5 36.7



#68
m/p-Xylenes
Concen: 105.841 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion:106 Resp: 305917
Ion Ratio Lower Upper
106 100
91 187.1 154.4 231.6

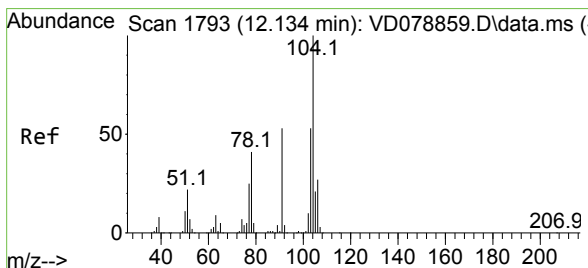
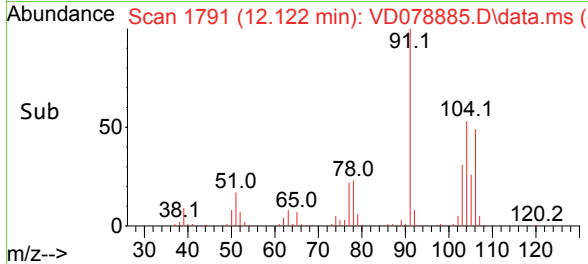
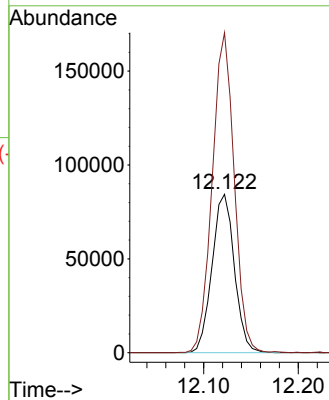
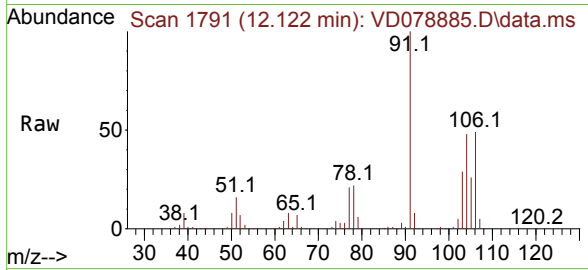




#69
o-Xylene
Concen: 52.351 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

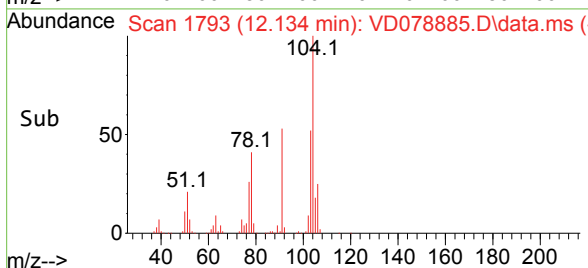
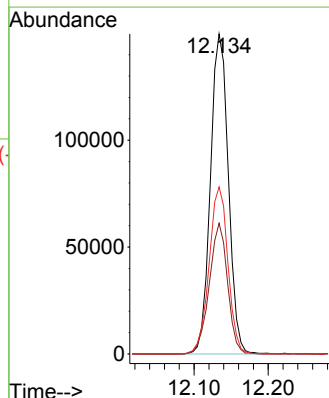
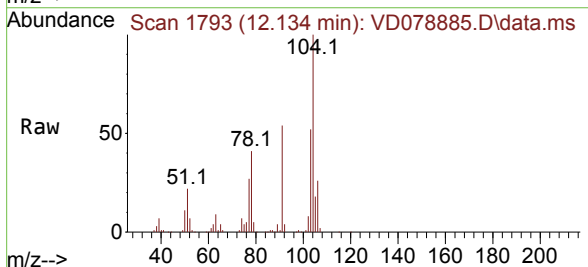
Instrument :
MSVOA_D
ClientSampleId :

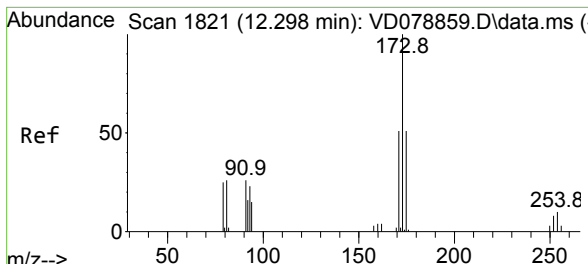
Tgt Ion:106 Resp: 138335
Ion Ratio Lower Upper
106 100
91 198.7 99.6 298.7



#70
Styrene
Concen: 54.176 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion:104 Resp: 251719
Ion Ratio Lower Upper
104 100
78 41.6 34.6 52.0
103 54.7 44.2 66.2

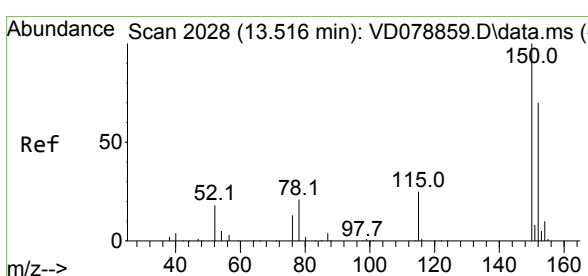
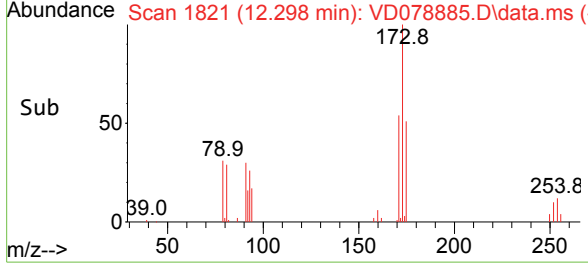
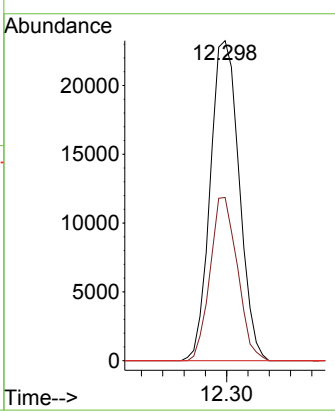
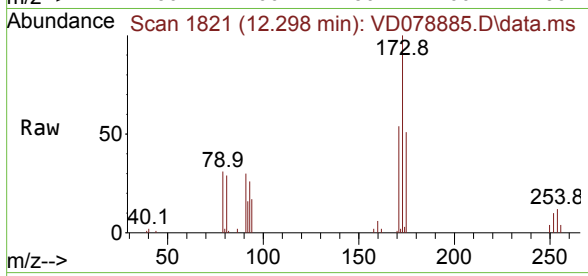




#71
 Bromoform
 Concen: 53.046 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD078885.D
 Acq: 08 May 2024 12:50

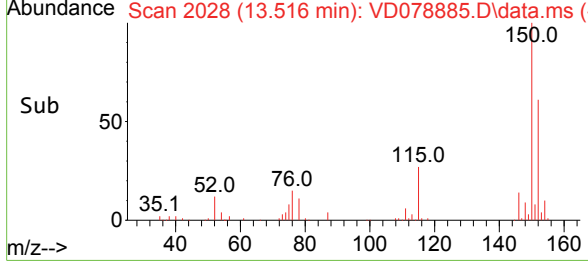
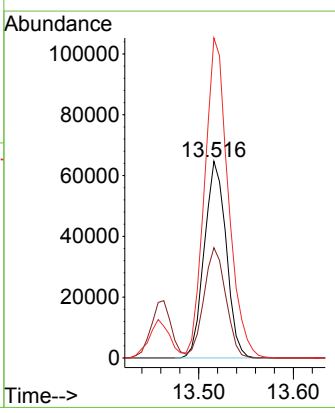
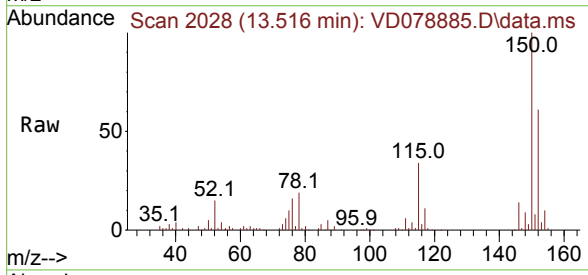
Instrument :
 MSVOA_D
 ClientSampleId :

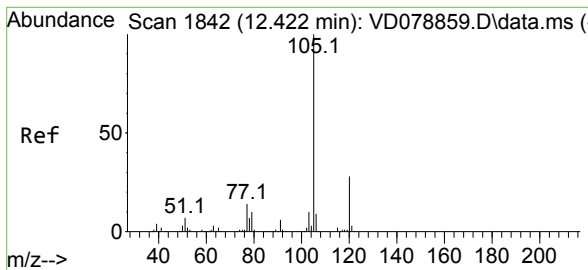
Tgt Ion:	173	Resp:	43832
Ion Ratio	Lower	Upper	
173	100		
175	48.2	25.8	77.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078885.D
 Acq: 08 May 2024 12:50

Tgt Ion:	152	Resp:	103750
Ion Ratio	Lower	Upper	
152	100		
115	56.2	27.1	81.2
150	175.6	0.0	350.2





#73

Isopropylbenzene

Concen: 50.502 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

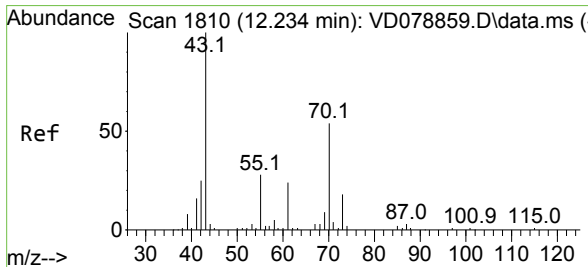
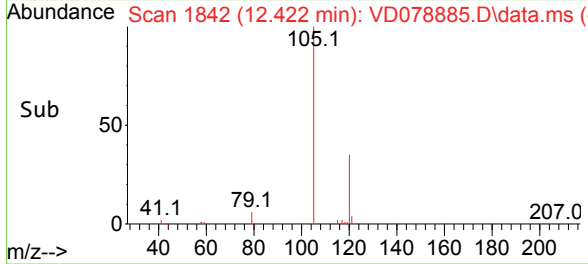
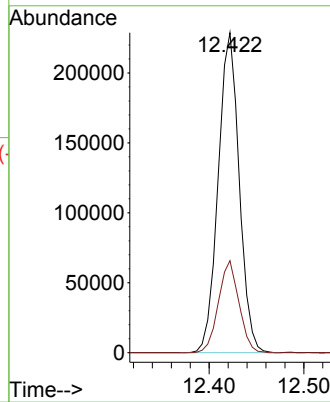
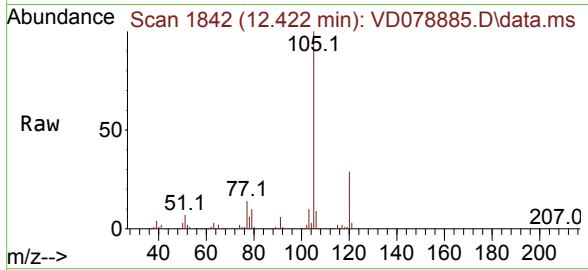
ClientSampleId :

Tgt Ion:105 Resp: 353185

Ion Ratio Lower Upper

105 100

120 28.0 13.7 41.0



#74

N-ethyl acetate

Concen: 51.076 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Tgt Ion: 43 Resp: 59417

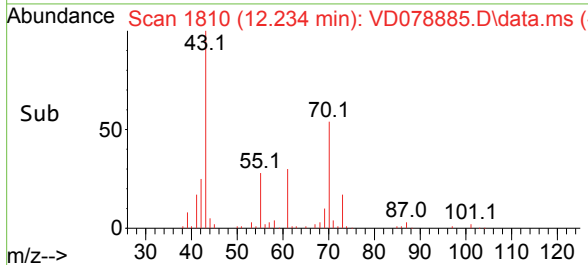
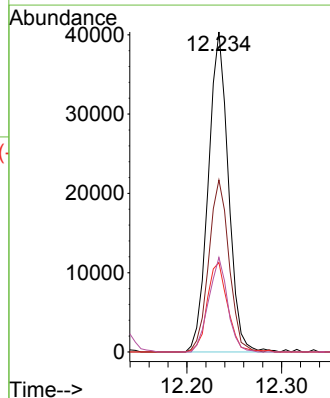
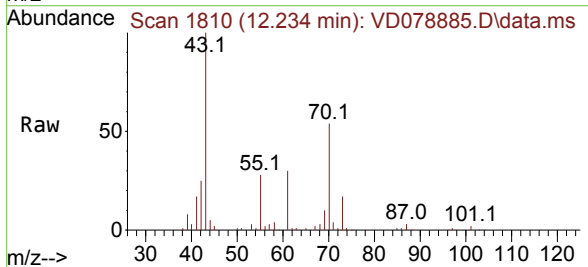
Ion Ratio Lower Upper

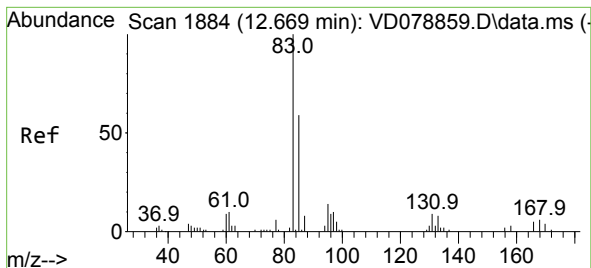
43 100

70 54.3 42.1 63.1

55 28.5 22.6 33.8

61 27.9 22.6 34.0

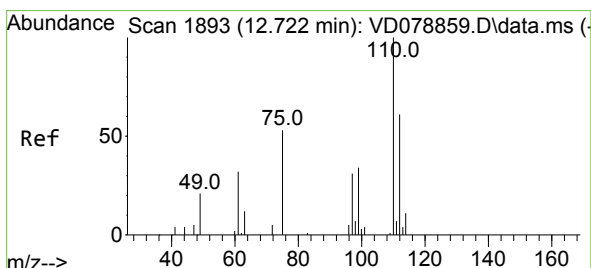
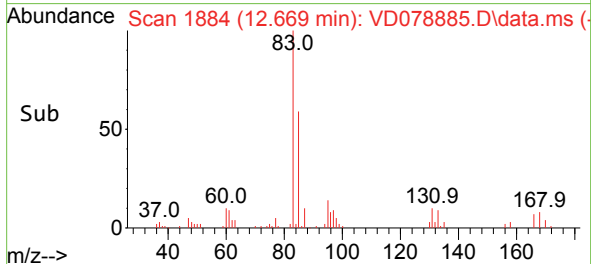
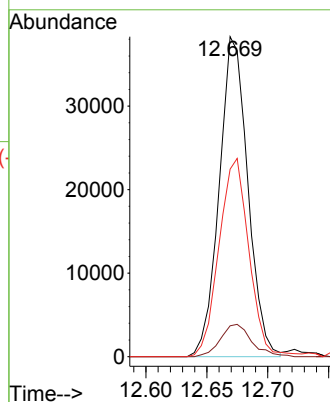
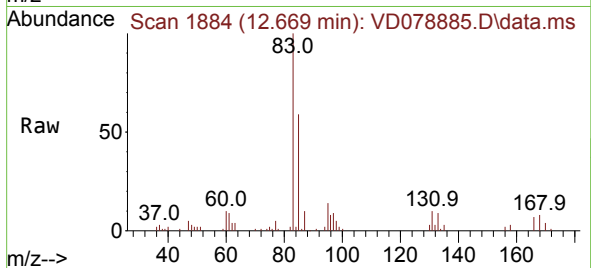




#75
1,1,2,2-Tetrachloroethane
Concen: 47.690 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

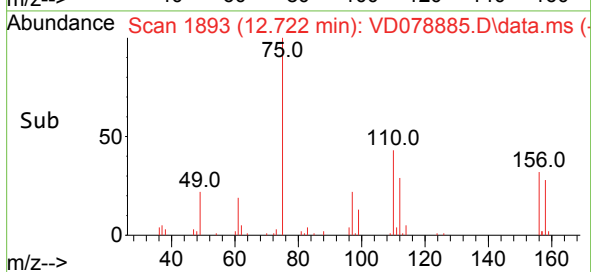
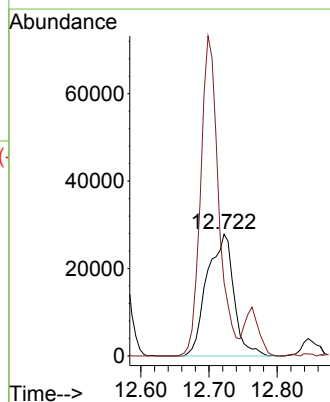
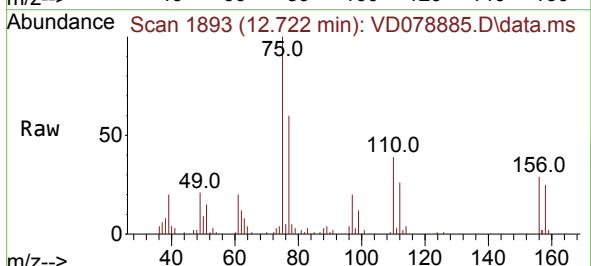
Instrument :
MSVOA_D
ClientSampleId :

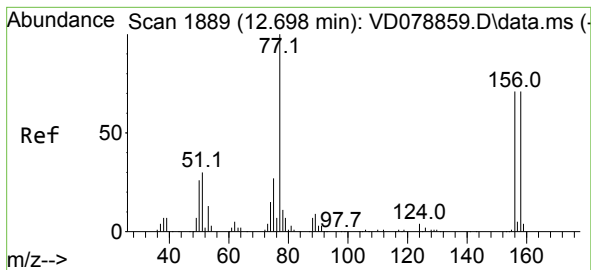
Tgt Ion:	83	Resp:	62489
Ion Ratio	Lower	Upper	
83	100		
131	11.1	4.9	14.7
85	65.4	32.2	96.6



#76
1,2,3-Trichloropropane
Concen: 88.479 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion:	75	Resp:	76370
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.688 ug/l

RT: 12.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

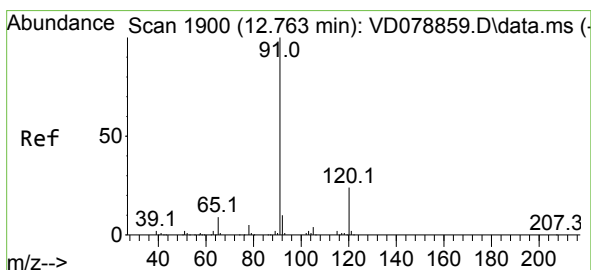
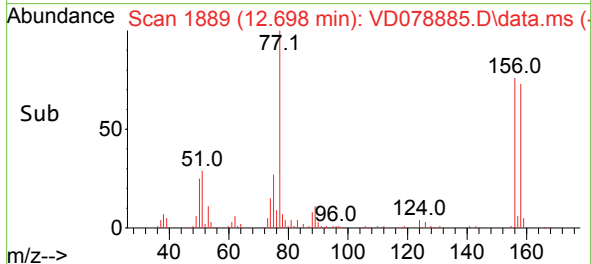
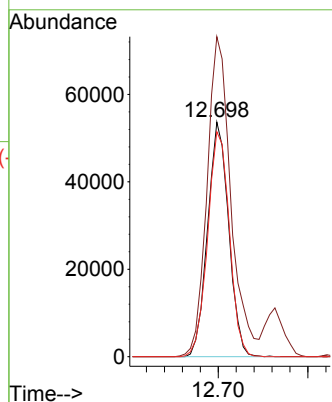
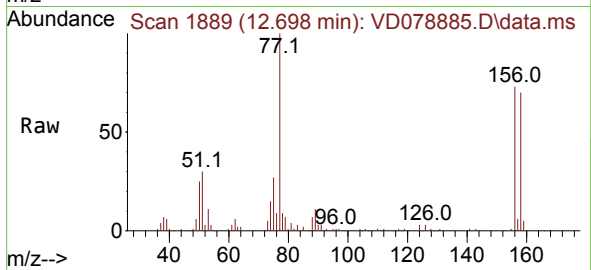
Tgt Ion:156 Resp: 87482

Ion Ratio Lower Upper

156 100

77 155.0 79.1 237.3

158 98.8 47.0 141.0



#78

n-propylbenzene

Concen: 50.955 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078885.D

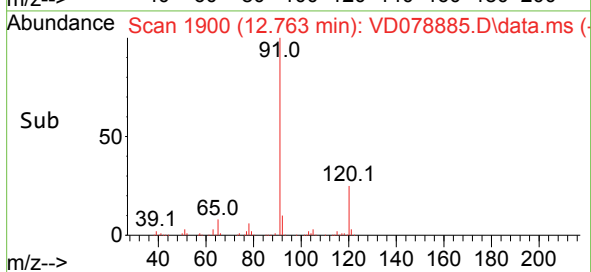
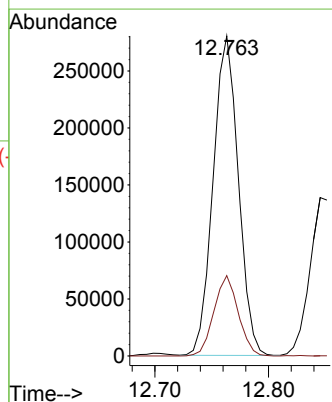
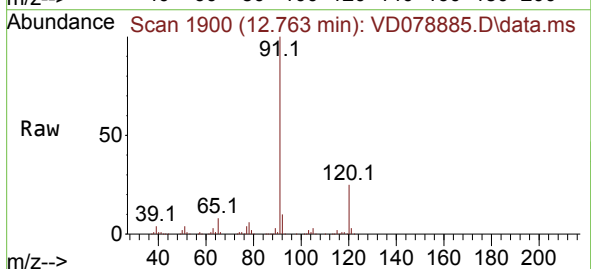
Acq: 08 May 2024 12:50

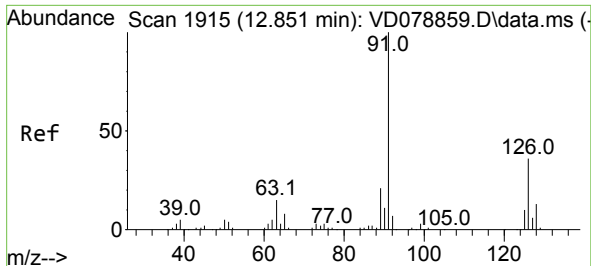
Tgt Ion: 91 Resp: 431861

Ion Ratio Lower Upper

91 100

120 24.2 11.7 35.1

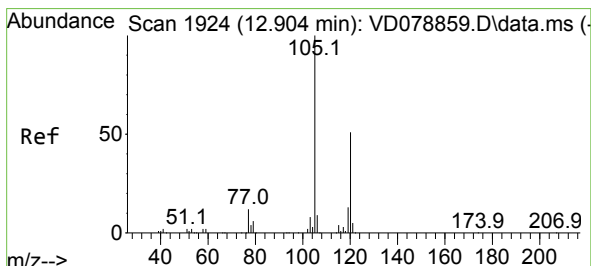
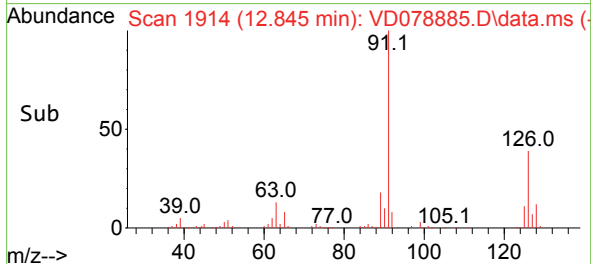
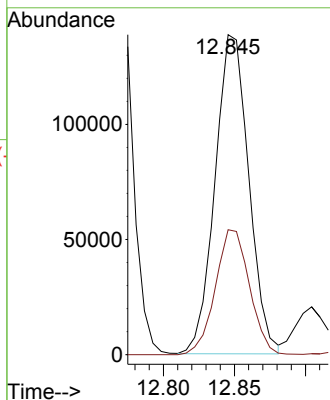
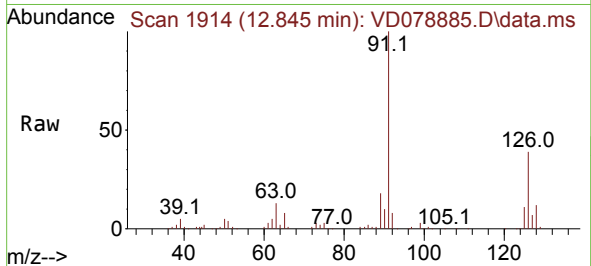




#79
2-Chlorotoluene
Concen: 48.483 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

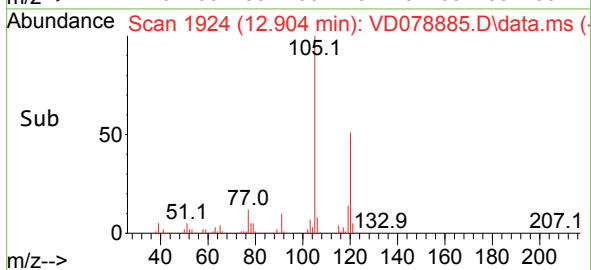
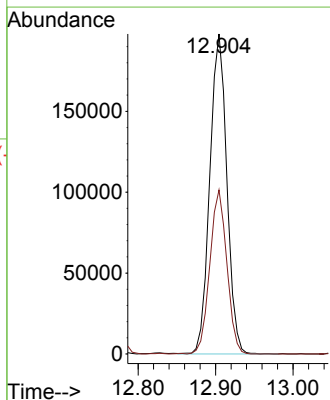
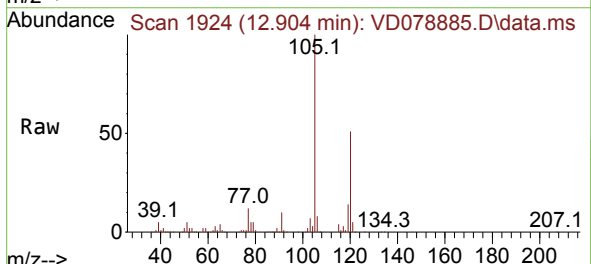
Instrument :
MSVOA_D
ClientSampleId :

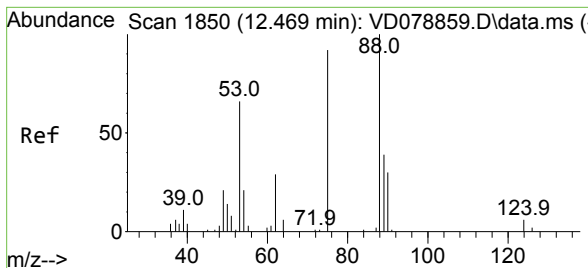
Tgt Ion: 91 Resp: 229350
Ion Ratio Lower Upper
91 100
126 39.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 51.954 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 105 Resp: 301713
Ion Ratio Lower Upper
105 100
120 51.2 25.9 77.7

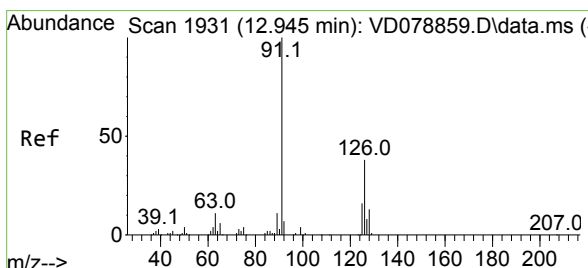
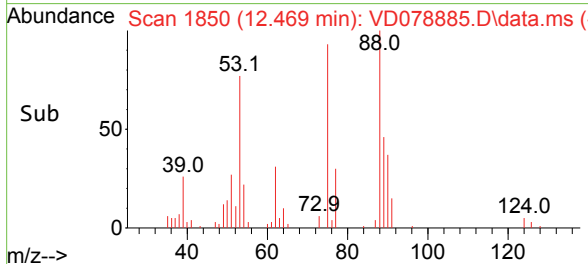
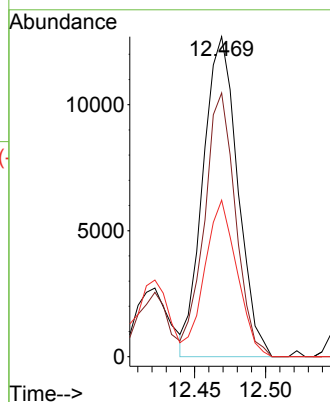
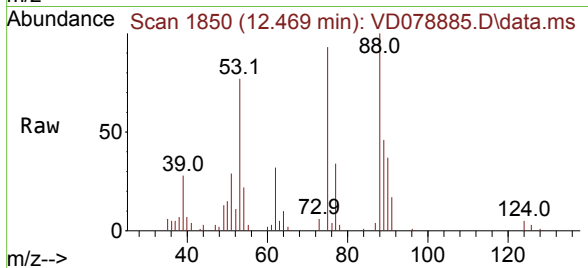




#81
trans-1,4-Dichloro-2-butene
Concen: 48.732 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

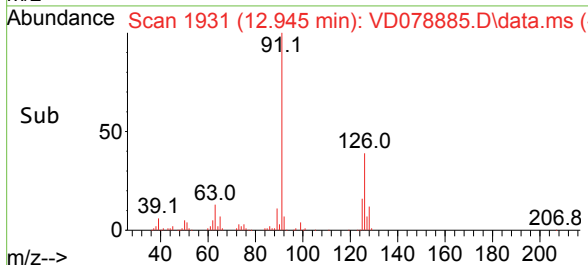
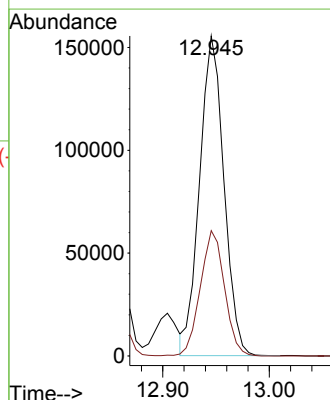
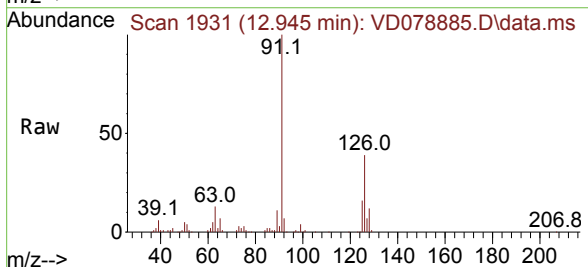
Instrument :
MSVOA_D
ClientSampleId :

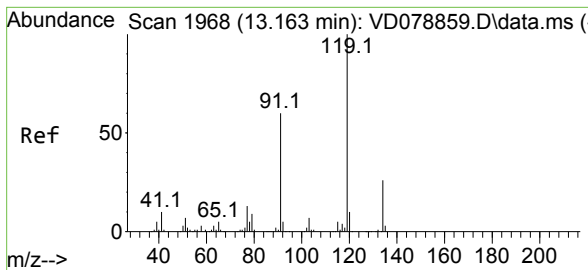
Tgt Ion	Ratio	Lower	Upper
75	100		
53	74.5	61.0	91.6
89	45.7	35.4	53.0



#82
4-Chlorotoluene
Concen: 49.028 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	39.0	18.9	56.5

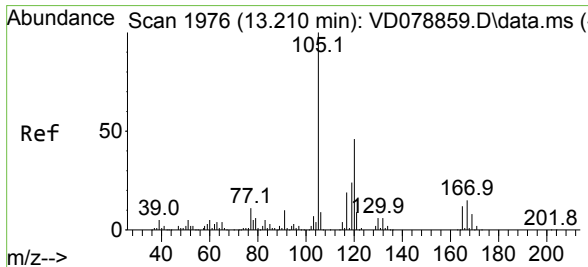
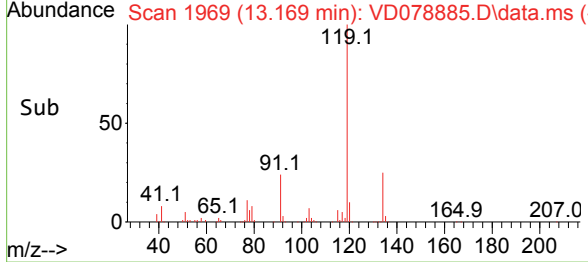
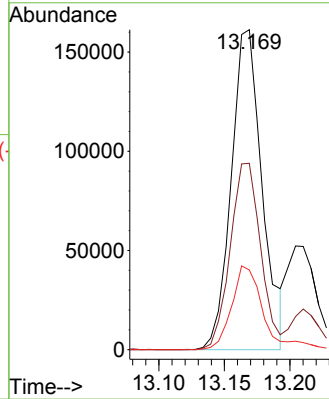
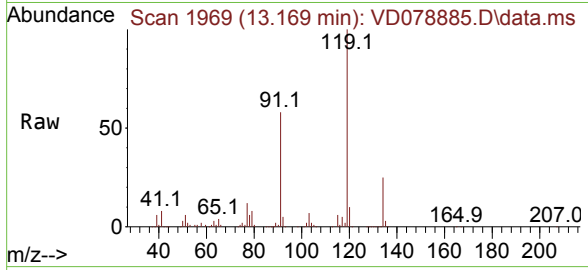




#83
 tert-Butylbenzene
 Concen: 52.865 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.006 min
 Lab File: VD078885.D
 Acq: 08 May 2024 12:50

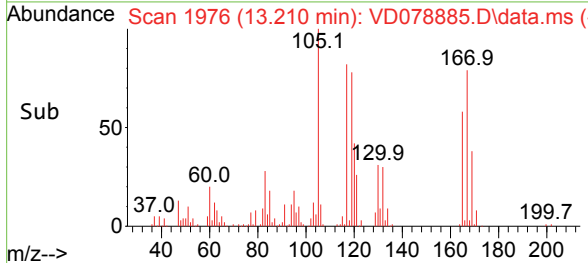
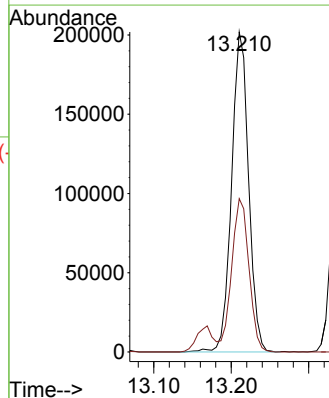
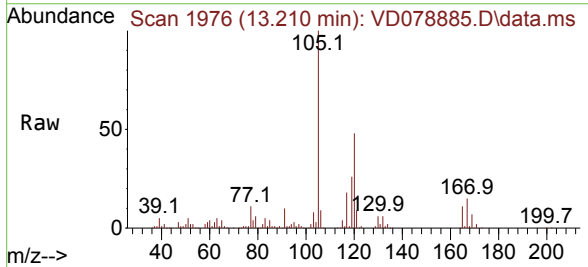
Instrument :
 MSVOA_D
 ClientSampleId :

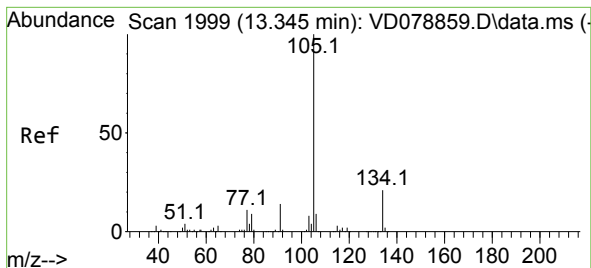
Tgt Ion:119 Resp: 264254
 Ion Ratio Lower Upper
 119 100
 91 57.6 28.9 86.7
 134 27.0 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.832 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078885.D
 Acq: 08 May 2024 12:50

Tgt Ion:105 Resp: 308104
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 52.556 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

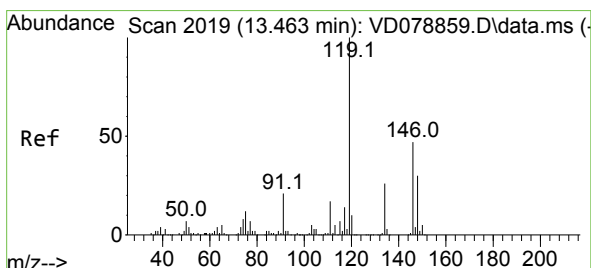
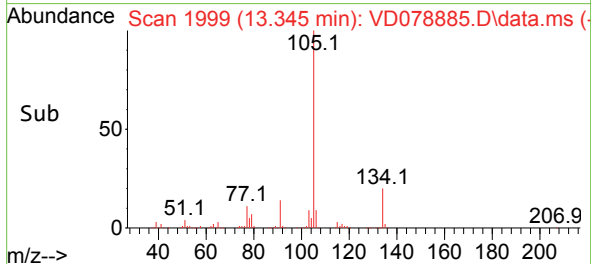
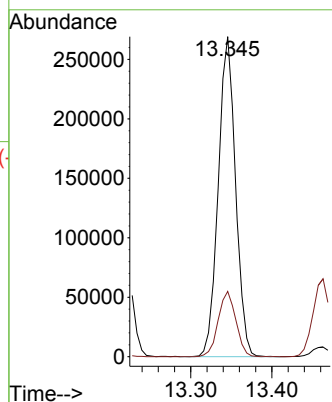
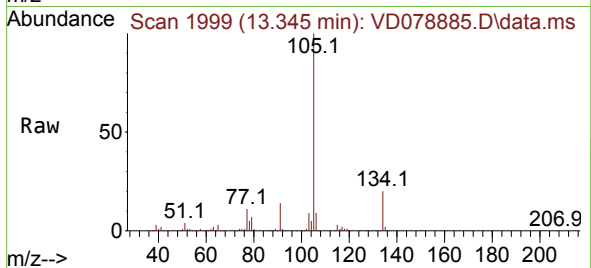
ClientSampleId :

Tgt Ion:105 Resp: 398935

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 53.130 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

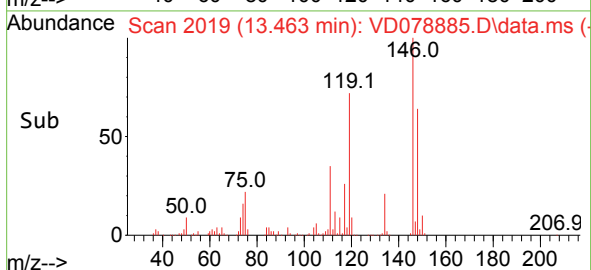
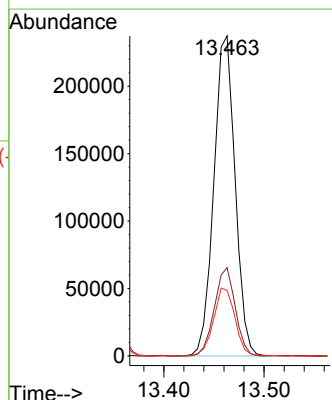
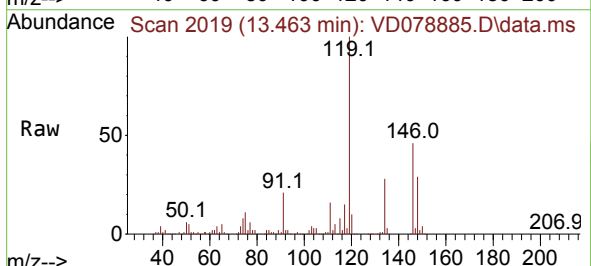
Tgt Ion:119 Resp: 349501

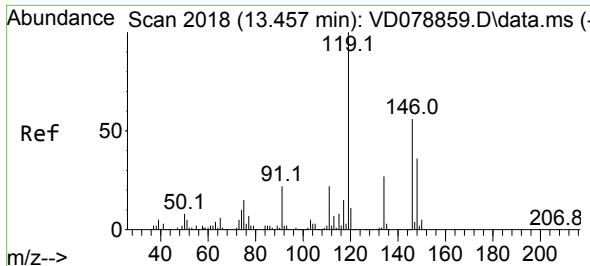
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.4 10.4 31.2

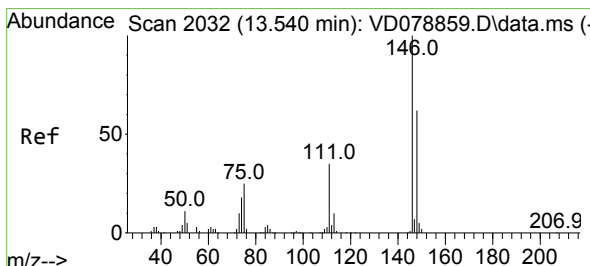
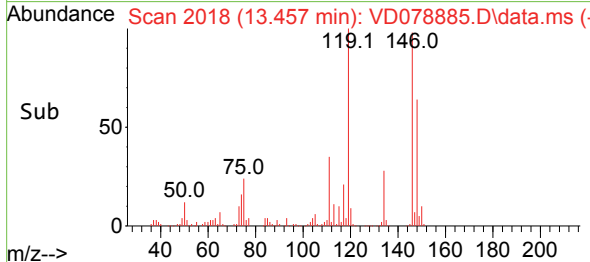
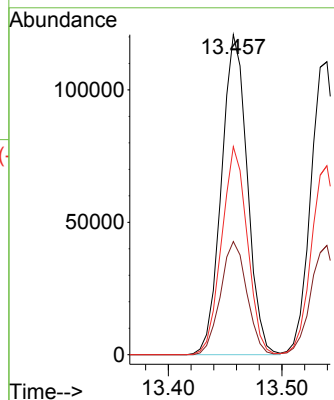
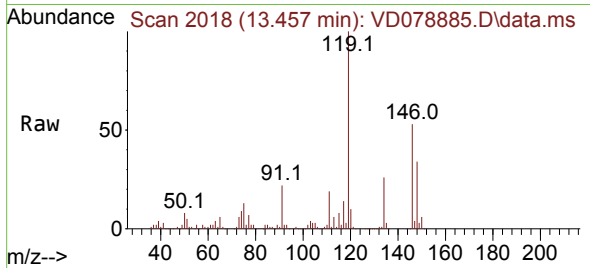




#87
 1,3-Dichlorobenzene
 Concen: 50.733 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078885.D
 Acq: 08 May 2024 12:50

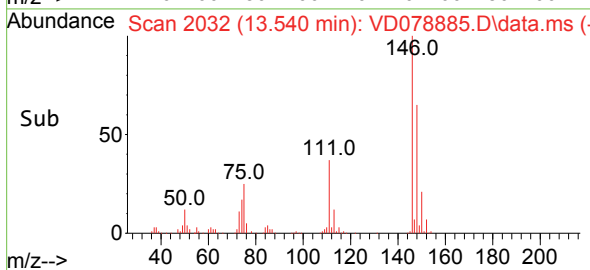
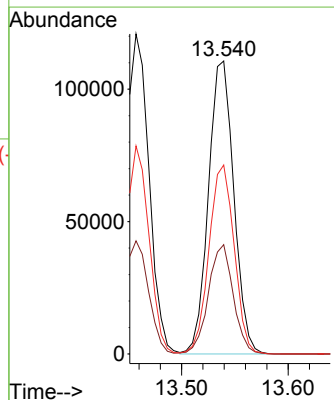
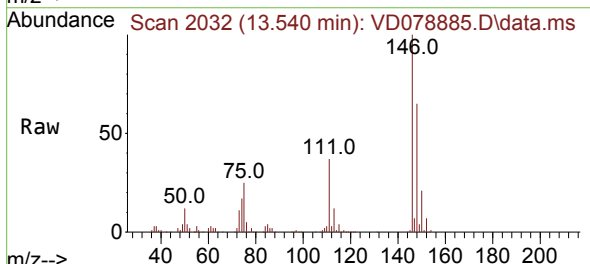
Instrument :
 MSVOA_D
 ClientSampleId :

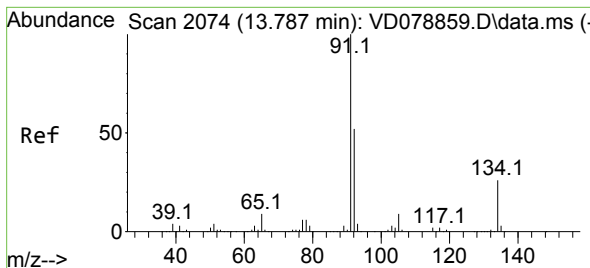
Tgt Ion:146 Resp: 190903
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.2 54.6
 148 64.6 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 49.245 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078885.D
 Acq: 08 May 2024 12:50

Tgt Ion:146 Resp: 183432
 Ion Ratio Lower Upper
 146 100
 111 36.7 17.8 53.3
 148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 53.209 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

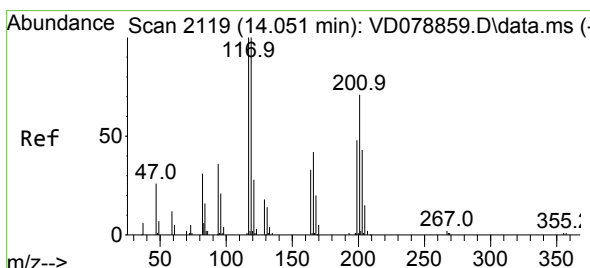
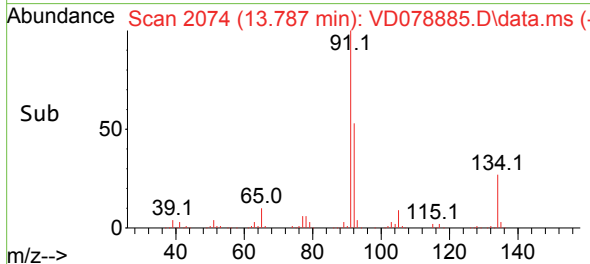
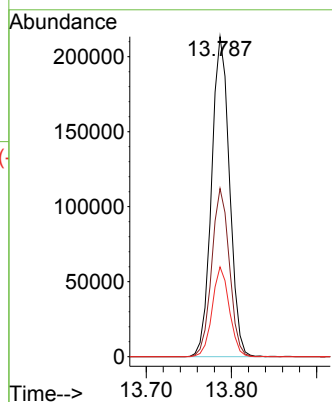
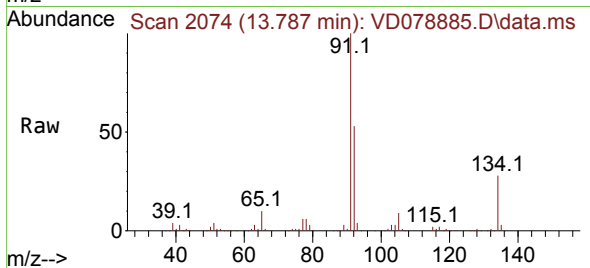
Tgt Ion: 91 Resp: 312043

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

134 26.7 13.0 38.9



#90

Hexachloroethane

Concen: 49.193 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078885.D

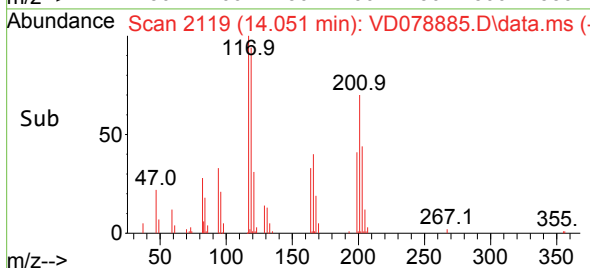
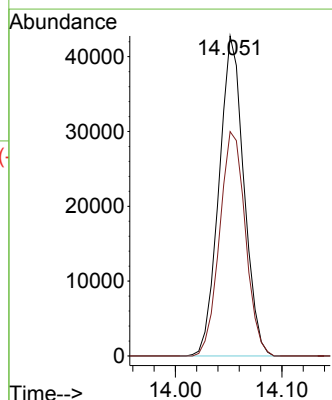
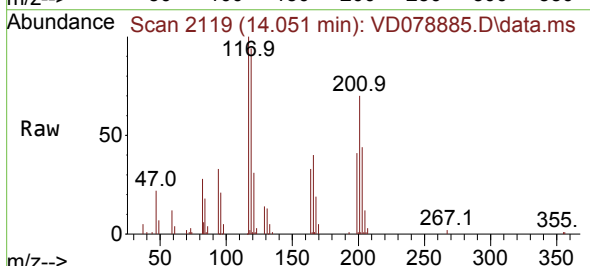
Acq: 08 May 2024 12:50

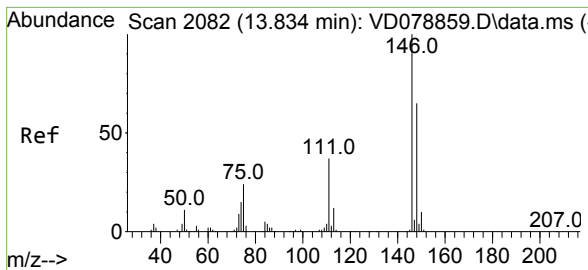
Tgt Ion: 117 Resp: 69232

Ion Ratio Lower Upper

117 100

201 72.9 36.2 108.6

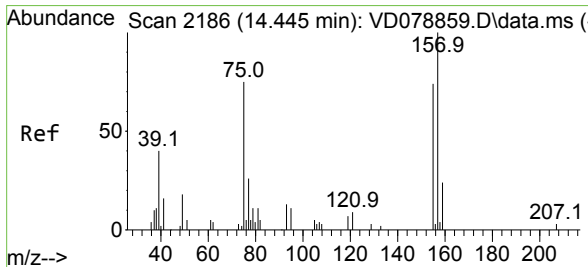
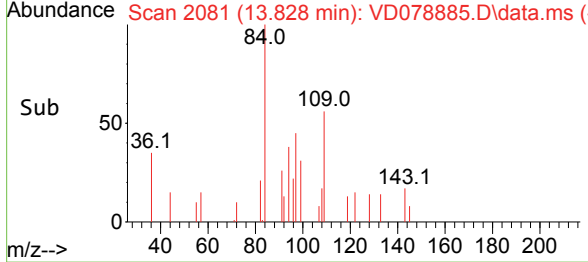
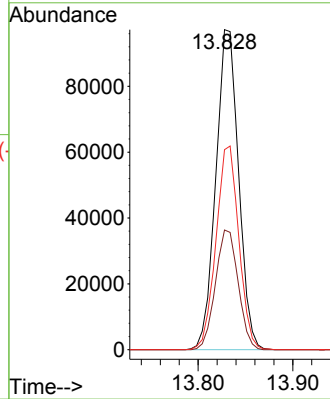
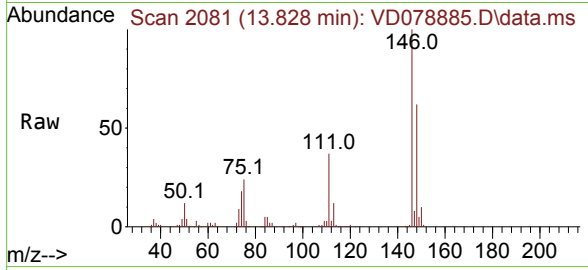




#91
1,2-Dichlorobenzene
Concen: 50.416 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

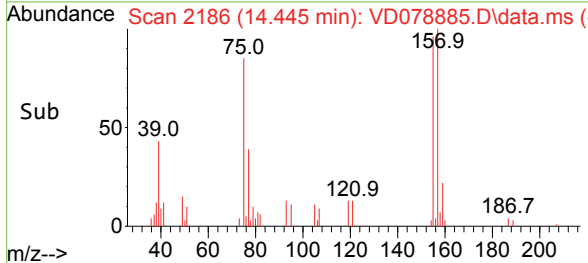
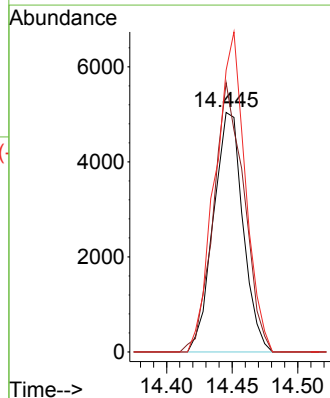
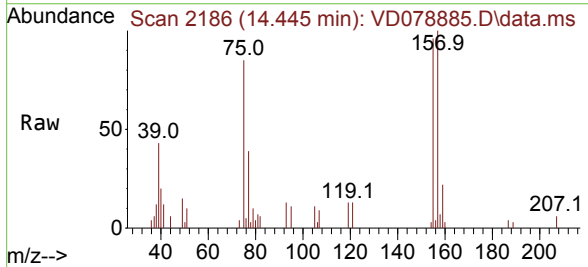
Instrument :
MSVOA_D
ClientSampleId :

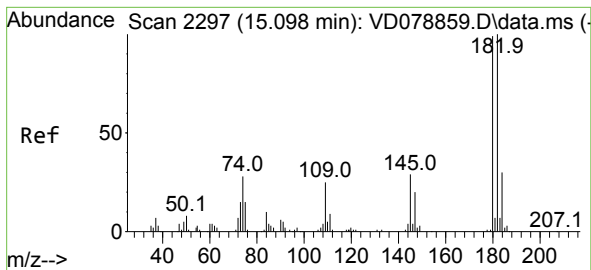
Tgt Ion:146 Resp: 162361
Ion Ratio Lower Upper
146 100
111 37.4 18.6 56.0
148 63.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.397 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

Tgt Ion: 75 Resp: 7920
Ion Ratio Lower Upper
75 100
155 115.7 49.8 149.3
157 135.4 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 54.176 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

Instrument :

MSVOA_D

ClientSampleId :

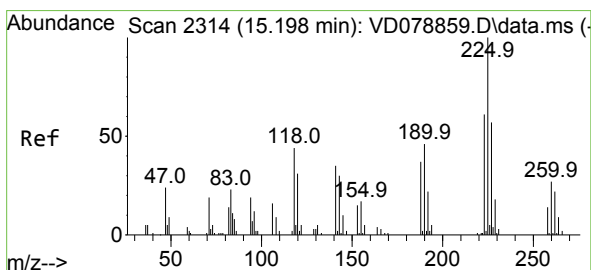
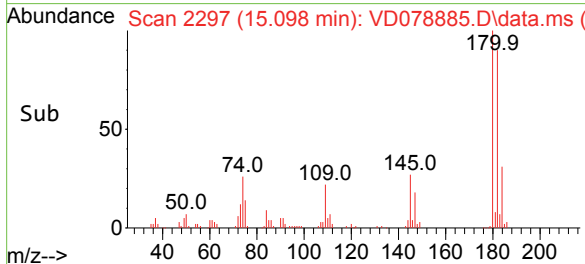
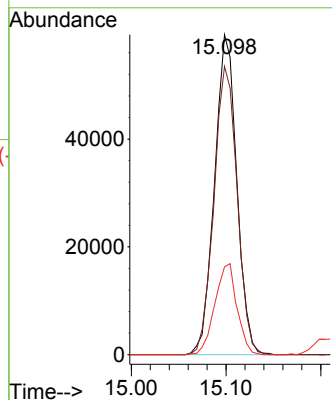
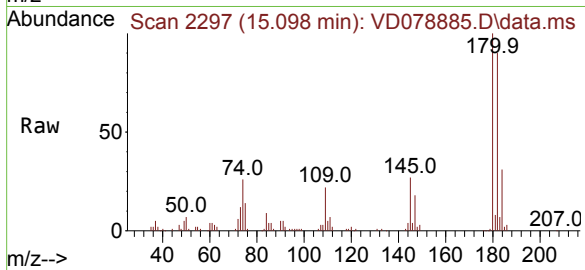
Tgt Ion:180 Resp: 96923

Ion Ratio Lower Upper

180 100

182 93.6 49.7 149.1

145 28.2 14.6 44.0



#94

Hexachlorobutadiene

Concen: 56.710 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD078885.D

Acq: 08 May 2024 12:50

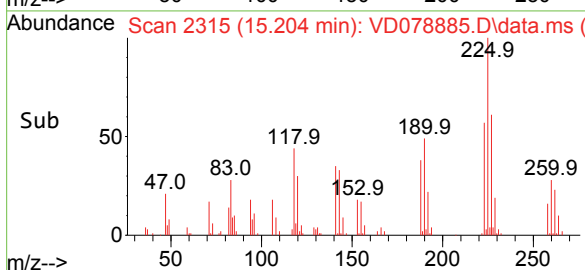
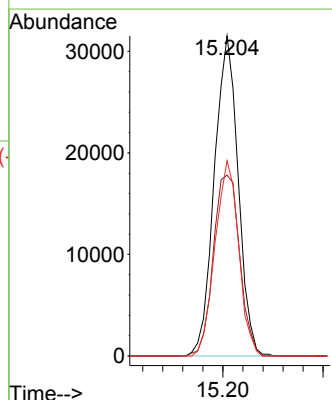
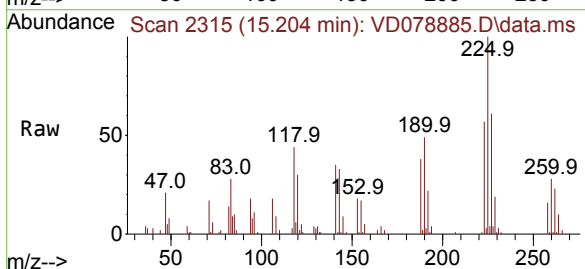
Tgt Ion:225 Resp: 51975

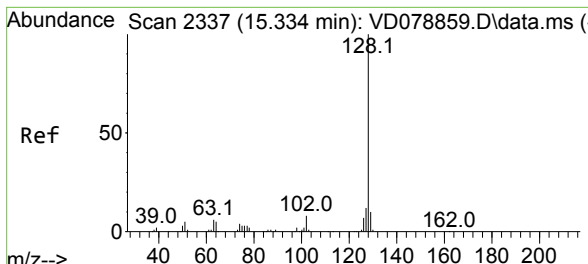
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.7

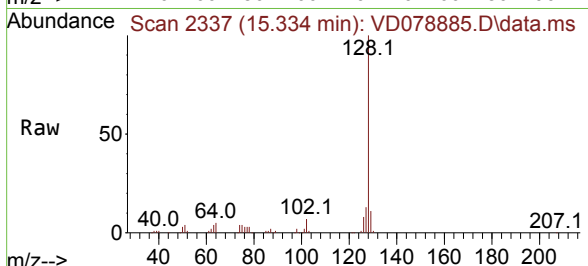
227 60.3 32.0 96.0



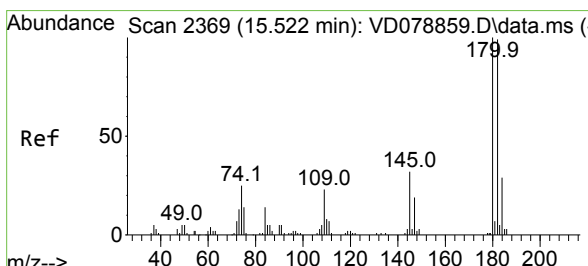
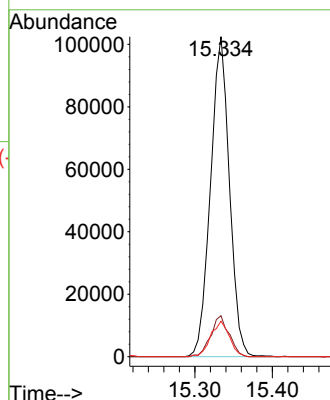
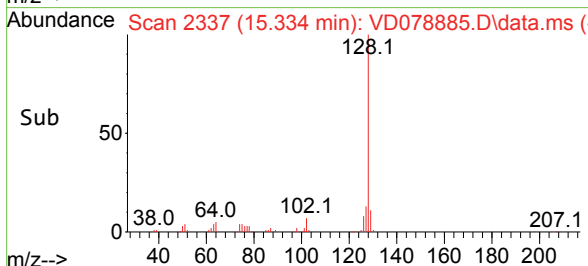


#95
Naphthalene
Concen: 53.859 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50

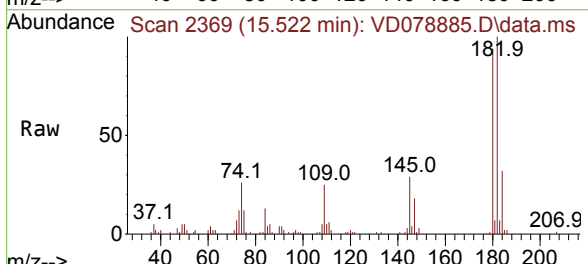
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	173598
Ion Ratio	Lower	Upper	
128	100		
127	12.8	9.3	13.9
129	11.1	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 54.056 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078885.D
Acq: 08 May 2024 12:50



Tgt Ion:	180	Resp:	85676
Ion Ratio	Lower	Upper	
180	100		
182	96.0	46.7	140.1
145	31.8	14.4	43.4

